

RODGERS®

THE AMERICAN

★ ★ ★

SERIES

OWNER'S MANUAL

THE AMERICAN 342

WHERE
TRADITION
MEETS
INNOVATION

RODGERS®

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THE AMERICAN

★ ★ ★

SERIES

Dear Rodgers American Series Owner,

Thank you very much for your purchase of a new Rodgers American Series organ, built in the Rodgers facility in Hillsboro, Oregon. It is our honor and pleasure to welcome you to our worldwide group of Rodgers owners who enjoy the rich tradition of the Rodgers sound.

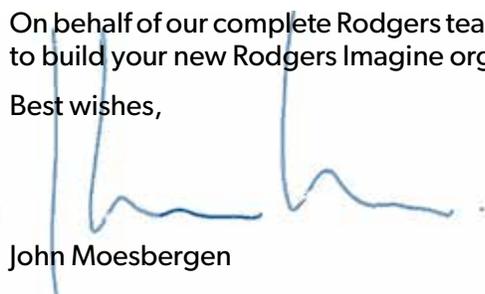
Since 1958, the Rodgers story has been one of continuous leadership in innovation of sound quality and performance in the pipe organ industry. Throughout our history, Rodgers has put musical purpose and sound advancement first in product development. That's why Rodgers organs are found in such prestigious performance venues as Carnegie Hall, educational institutions like The Juilliard School, homes of leading performing artists, and thousands of houses of worship around the world. Our goal is simply to develop and manufacture the finest American built digital organ available with an exquisite sound that elevates any occasion.

Since 2016, the premium Rodgers brand has been part of the Global Organ Group, a family-owned company which is solely and continuously focused on developing digital pipe organ instruments. The Global Organ Group provides not only financial strength and stability, but also the vast expertise of its team of specialized engineers with decades of experience in digital pipe organ technology, striving for continuous improvement and innovation.

An organ purchase is a major investment and the Rodgers team wants to have a long and positive relationship with you as a Rodgers owner, supporting you, your dealer and/or their technician(s) throughout the years. To do the best possible job and to activate your warranty, the Rodgers Customer Support department asks you to take a moment to let us know about your purchase. So please, register online at www.rodgersinstruments.com/warranty.

On behalf of our complete Rodgers team, thank you again for your confidence and for the opportunity to build your new Rodgers Imagine organ.

Best wishes,



John Moesbergen

CEO Rodgers Instruments US LLC

RODGERS®

A MEMBER OF THE
Global Organ Group

RODGERS INSTRUMENTS US LLC

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IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING - When using electric products, basic precautions should always be followed, including the following:

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
Note: For this instrument, the third conductor (earth) is not used as a safety earth, but may serve as a functional earth depending on the power supply configuration.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

For the U.K.

WARNING: THIS APPARATUS MUST BE EARTHED
IMPORTANT: THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.
 GREEN-AND-YELLOW: EARTH, BLUE: NEUTRAL, BROWN: LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the safety earth symbol  or coloured GREEN or GREEN-AND-YELLOW.

Note: For this instrument, the third conductor (earth) is not used as a safety earth, but may serve as a functional earth depending on the power supply configuration.

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK.

The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED.

For additional safety, all externally accessible metal parts (such as headphones, Aux-in/out, MIDI, USB, toe pistons, etc.) are floating from safety earth.

Before using this unit, carefully read the section "IMPORTANT SAFETY INSTRUCTIONS" (p. 3), "USING THE UNIT SAFELY" (p. 5), and "IMPORTANT NOTES" (p. 9). These sections provide important information concerning the proper operation of the unit. Additionally, in order to feel assured that you have gained a good grasp of every feature provided by your new unit, the Owner's Manual should be read in its entirety. The manual should be saved and kept on hand as a convenient reference.

CONSIGNES DE SÉCURITÉ IMPORTANTES CONSERVEZ CES INSTRUCTIONS

INSTRUCTIONS RELATIVES AU RISQUE D'INCENDIE, D'ÉLECTROCUTION OU DE BLESSURE.

AVERTISSEMENT : Pour réduire le risque d'incendie ou d'électrocution, ne pas exposer cet appareil à la pluie ou à l'humidité.



Le symbole de l'éclair fêché dans un triangle équilatéral prévient l'utilisateur de la présence d'une « tension dangereuse » non isolée à l'intérieur de l'appareil, qui peut être suffisamment élevée pour présenter un risque d'électrocution.



Le point d'exclamation dans un triangle équilatéral prévient l'utilisateur de la présence d'instructions d'emploi et d'entretien importantes dans la documentation qui accompagne l'appareil.

AVERTISSEMENT – Lors de l'utilisation d'un appareil électrique, toujours prendre des précautions de base, y compris les suivantes :

1. Lire ces instructions.
2. Conserver ces instructions.
3. Tenir compte de tous les avertissements.
4. Suivre toutes les instructions.
5. Ne pas utiliser cet appareil près de l'eau.
6. Nettoyer uniquement avec un chiffon sec.
7. Éviter d'obstruer les ouvertures de ventilation. Installer l'appareil conformément aux instructions du fabricant.
8. Ne pas installer l'appareil à proximité de sources de chaleur telles que radiateurs, grilles à registre, poêles ou autres appareils qui émettent de la chaleur (y compris les amplificateurs).
9. Ne pas supprimer la fonction de sécurité de la fiche polarisée ou de mise à la terre. Une fiche polarisée comporte deux lames, dont l'une est plus large que l'autre. Une fiche de mise à la terre comporte deux lames, plus une broche de mise à la terre. La lame la plus large et la troisième broche assurent votre sécurité. Si la fiche fournie n'entre pas dans la prise de courant, demander à un électricien de remplacer la prise obsolète. *Remarque : Pour ces instruments, le troisième conducteur (terre) n'est pas utilisé comme terre de sécurité, mais peut servir de terre fonctionnelle en fonction de la configuration de l'alimentation.*
10. Protéger le cordon d'alimentation de façon à éviter de marcher dessus ou de le pincer, en particulier au niveau des fiches, des prises de courant et du point de sortie de l'appareil.
11. Utiliser uniquement les accessoires spécifiés par le fabricant.
12. Débrancher cet appareil pendant les orages ou s'il reste longtemps inutilisé.
13. Confier toute réparation à un technicien compétent. L'appareil doit être réparé lorsqu'il est endommagé de quelque manière que ce soit, par exemple si le cordon d'alimentation ou la fiche est endommagée, si un liquide a été renversé ou des objets sont tombés dans l'appareil, si l'appareil a été exposé à la pluie ou à l'humidité, s'il ne fonctionne pas normalement, ou s'il est tombé sur le sol.

Avant d'utiliser cet appareil, lire attentivement les sections intitulées : « CONSIGNES DE SÉCURITÉ IMPORTANTES » (p. 4), « UTILISATION SÉCURITAIRE DE L'APPAREIL » (p. 6) et « REMARQUES IMPORTANTES » (p. 10). Ces sections donnent des renseignements importants sur le fonctionnement de l'appareil. En outre, pour bien comprendre chaque fonctionnalité de votre nouvel appareil, vous devez prendre soin de lire intégralement le Manuel du propriétaire. Conserver le manuel à portée de la main aux fins de référence.

USING THE UNIT SAFELY

USING THE UNIT SAFELY

INSTRUCTIONS FOR THE PREVENTION OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS

About ⚠ WARNING and ⚠ CAUTION Notices

⚠ WARNING	Used for instructions intended to alert the user to the risk of death or severe injury should the unit be used improperly.
⚠ CAUTION	Used for instructions intended to alert the user to the risk of injury or material damage should the unit be used improperly. * Material damage refers to damage or other adverse effects caused with respect to the home and all its furnishings, as well to domestic animals or pets.

About the Symbols

	The ⚠ symbol alerts the user to important instructions or warnings. The specific meaning of the symbol is determined by the design contained within the triangle. In the case of the symbol at left, it is used for general cautions, warnings, or alerts to danger.
	The symbol alerts the user to items that must never be carried out (are forbidden). The specific thing that must not be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the unit must never be disassembled.
	The symbol alerts the user to things that must be carried out. The specific thing that must be done is indicated by the design contained within the circle. In the case of the symbol at left, it means that the power-cord plug must be unplugged from the outlet.

ALWAYS OBSERVE THE FOLLOWING

WARNING

Make sure that the power cord is grounded

Connect mains plug of this model to a mains socket outlet with a protective earthing connection.



Do not disassemble or modify by yourself

Do not open or perform any internal modifications on the unit.



Do not repair or replace parts by yourself

Do not attempt to repair the unit, or replace parts within it (except when this manual provides specific instructions directing you to do so), or use internal connections for optional external speakers. Refer all servicing to your retailer, or Rodgers Instruments US LLC, as listed on the "Notice to Users" (p. 11).



Do not use or store in the following types of locations

- Subject to temperature extremes (e.g., direct sunlight in an enclosed vehicle, near a heating duct, on top of heat-generating equipment); or are
- Damp (e.g., baths, washrooms, on wet floors); or are
- Exposed to steam or smoke; or are
- Subject to salt exposure; or are
- Humid; or are
- Exposed to rain or moisture; or are
- Dusty or sandy; or are
- Subject to high levels of vibration and shakiness.



Indoor use only.



WARNING

Connect the power cord to an outlet of the correct voltage

The unit should be connected to a power supply only of the type described as marked under the keyboard deck of unit.



Do not bend the power cord or place heavy objects on it

Do not excessively twist or bend the power cord, nor place heavy objects on it. Doing so can damage the cord, producing severed elements and short circuits. Damaged cords are fire and shock hazards!



To prevent possible hearing damage, do not listen at high volume levels for long periods.

This unit, either alone or in combination with an amplifier and headphones or speakers, may be capable of producing sound levels that could cause permanent hearing loss. Do not operate for a long period of time at a high volume level, or at a level that is uncomfortable. If you experience any hearing loss or ringing in the ears, you should immediately stop using the unit, and consult an audiologist.



Don't allow foreign objects or liquids to enter unit; never place containers with liquid on unit

Do not place containers containing liquid (flower vases) on this product. Never allow foreign objects (e.g., flammable objects, coins, wires) or liquids (e.g., water or juice) to enter this product. Doing so may cause short circuits, faulty operation, or other malfunctions.



Adults must provide supervision in places where children are present

When using the unit in locations where children are present, be careful so no mishandling of the unit can take place. An adult should always be on hand to provide supervision and guidance.



WARNING

Turn off the unit if an abnormality or malfunction occurs

Immediately turn the unit off, remove the power cord from the outlet, and request servicing by your retailer, or Rodgers Instruments US LLC, as listed on the "Notice to Users" (p. 11) page when:



- The power-supply cord or the plug has been damaged; or
- If smoke or unusual odor occurs; or
- Objects have fallen into, or liquid has been spilled onto the unit; or
- The unit has been exposed to rain (or otherwise has become wet); or
- The unit does not appear to operate normally or exhibits a marked change in performance.

Do not drop or subject to strong impact

Protect the unit from strong impact. (Do not drop it!)



Do not share an outlet with an unreasonable number of other devices

Do not force the unit's power-supply cord to share an outlet with an unreasonable number of other devices. Be especially careful when using extension cords—the total power used by all devices you have connected to the extension cord's outlet must never exceed the power rating (watts/amperes) for the extension cord. Excessive loads can cause the insulation on the cord to heat up and eventually melt through.



Do not use overseas

Before using the unit in a foreign country, consult with your retailer, or Rodgers Instruments US LLC, as listed on the "Notice to Users" (p. 11).



UTILISATION SÉCURITAIRE DE L'APPAREIL

UTILISATION SÉCURITAIRE DE L'APPAREIL

INSTRUCTIONS POUR PRÉVENIR LES INCENDIES, LES CHOCS ÉLECTRIQUES ET LES BLESSURES

À propos des messages de type AVERTISSEMENT et ATTENTION

AVERTISSEMENT	Utilisé pour les instructions visant à prévenir l'utilisateur d'un danger de mort ou d'un risque de blessure grave en cas d'utilisation incorrecte de l'appareil.
ATTENTION	Utilisé pour les instructions visant à prévenir l'utilisateur d'un risque de blessure ou de dommages matériels en cas d'utilisation incorrecte de l'appareil. * Par dommages matériels, on entend les dommages ou les autres conséquences préjudiciables relatives au domicile et à son ameublement, de même qu'aux animaux de compagnie.

À propos des symboles

	Le symbole attire l'attention de l'utilisateur sur des instructions ou des avertissements importants. L'image représentée à l'intérieur du triangle indique la signification précise du symbole. Le symbole présenté à gauche est utilisé pour des mises en garde, des avertissements ou des alertes de nature générale signalant des dangers.
	Le symbole attire l'attention de l'utilisateur sur des manipulations interdites. La manipulation interdite est représentée à l'intérieur du cercle. Le symbole présenté à gauche, par exemple, indique l'interdiction de démonter l'appareil.
	Le symbole attire l'attention de l'utilisateur sur une obligation. L'action obligatoire est représentée à l'intérieur du cercle. Le symbole présenté à gauche, par exemple, indique que le cordon d'alimentation doit être débranché de la prise de courant.

TOUJOURS OBSERVER LES CONSIGNES SUIVANTES

Avertissement

Vérifier que le cordon d'alimentation est relié à la terre
Brancher la fiche principale de ce modèle dans une prise de courant mise à la terre.



Ne pas démonter ni modifier

Ne pas ouvrir l'appareil ni tenter de le modifier.



Ne pas réparer ni remplacer soi-même les pièces

Ne pas tenter de réparer l'appareil, ni d'en remplacer les pièces (sauf si le présent manuel fournit des instructions précises en ce sens). Confiez toute réparation à un technicien en vous adressant à votre revendeur ou à Rodgers Instruments US LLC (voir l'« Avis aux utilisateurs », p. 6).



Ne pas utiliser ni ranger dans des endroits présentant les caractéristiques suivantes :

- des températures extrêmes (p. ex. exposition directe au soleil dans un véhicule fermé, à proximité d'un conduit de chauffage, au-dessus d'un appareil qui émet de la chaleur);
- présence d'eau (p. ex. salle de bain ou de toilettes, sols mouillés);
- exposition à la vapeur ou à la fumée;
- risque d'exposition au sel;
- humidité;
- exposition à la pluie;
- exposition à la poussière ou au sable;
- exposition à de fortes vibrations ou secousses.



Utilisation intérieure seulement.



Brancher le cordon d'alimentation dans une prise de tension appropriée

L'appareil doit être branché à une source d'alimentation du type indiqué sous le clavier.



Avertissement

Ne pas plier le cordon d'alimentation ni poser d'objet lourd dessus

Ne pas tordre ni plier excessivement le cordon d'alimentation, et ne pas poser d'objet lourd dessus, ce qui risquerait d'endommager le cordon, de rompre ses composants et de provoquer un court-circuit. Les cordons endommagés posent des risques d'incendie et d'électrocution!



Pour éviter d'éventuels dommages auditifs, n'écoutez pas à des niveaux de volume élevés pendant de longues périodes

Cet appareil, seul ou combiné avec un amplificateur et un casque ou des enceintes, peut générer des niveaux sonores susceptibles d'occasionner une perte auditive permanente. Ne pas faire fonctionner longtemps à niveau sonore élevé ou inconfortable. Si vous constatez une perte auditive ou des bourdonnements d'oreille, cessez immédiatement d'utiliser l'appareil et consultez un audiologiste.



Éviter que des objets étrangers ou des liquides pénètrent dans l'appareil; ne jamais placer de récipients contenant du liquide sur l'appareil

Ne pas poser de récipients contenant du liquide (vases) sur cet appareil.

Ne jamais laisser d'objets étrangers (p. ex. objets inflammables, pièces de monnaie, fils) ni de liquides (p. ex. eau ou jus) pénétrer dans l'appareil. La présence d'objets étrangers ou de liquide risque de provoquer un court-circuit, un défaut de fonctionnement ou d'autres défauts.



Ne pas laisser les enfants sans surveillance en présence de l'appareil

Si l'appareil est utilisé en présence d'enfants, veiller à le protéger de toute manipulation incorrecte. Un adulte doit toujours être présent pour assurer la supervision et expliquer le fonctionnement de l'appareil.



Avertissement

Éteindre l'appareil en cas d'anomalie ou de déféctuosité

Éteindre immédiatement l'appareil, débrancher le cordon d'alimentation et demander l'intervention d'un technicien en vous adressant à votre revendeur ou à Rodgers Instruments US LLC (voir l'« Avis aux utilisateurs », p. 6), dans les situations suivantes :

- le cordon d'alimentation ou la fiche est endommagée;
- l'appareil émet de la fumée ou une odeur inhabituelle;
- un objet est tombé ou du liquide a pénétré dans l'appareil;
- l'appareil a été exposé à la pluie (ou s'est mouillé d'une autre manière);
- l'appareil ne semble pas fonctionner normalement ou présente un rendement significativement altéré.



Éviter de laisser tomber l'appareil ou de le soumettre à un choc important

Protéger l'appareil des impacts. (Ne pas le laisser tomber!).



Ne pas brancher l'appareil dans une prise de courant déjà occupée par un trop grand nombre d'appareils

Éviter de brancher un trop grand nombre d'appareils dans la même prise de courant. User de prudence dans l'emploi de rallonges : la puissance totale utilisée par l'ensemble des appareils branchés sur la rallonge ne doit jamais dépasser la puissance nominale (watts/ampères) de la rallonge. Les charges excessives peuvent faire surchauffer et fondre l'isolation de la rallonge.



Ne pas utiliser l'appareil à l'étranger

Avant d'utiliser l'appareil dans un pays étranger, consulter votre détaillant ou Rodgers Instruments US LLC (voir l'« Avis aux utilisateurs », p. 6).



⚠ WARNING

仅适用于海拔2000m以下地区安全使用。



《2000m 以下 9000ft 以下 地区 安全 使用》

“**2000m 以下 地区 安全 使用**”

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⚠ CAUTION

Place in a well ventilated location

The unit should be located so that its location or position does not interfere with its proper ventilation.



Grasp the plug when connecting or disconnecting the power cord

Always grasp only the plug on the power-supply cord when plugging into, or unplugging from, an outlet.



Periodically clean the power cord's plug

At regular intervals, you should unplug the power plug and clean it by using a dry cloth to wipe all dust and other accumulations away from its prongs. Also, disconnect the power plug from the power outlet whenever the unit is to remain unused for an extended period of time. Any accumulation of dust between the power plug and the power outlet can result in poor insulation and lead to fire.



Manage cables for safety

Try to prevent cords and cables from becoming entangled. Also, all cords and cables should be placed so they are out of the reach of children.



Avoid climbing on top of the unit, or placing heavy objects on it

Never climb on top of, nor place heavy objects on the unit.



⚠ CAUTION

Do not connect or disconnect the power cord with wet hands

Never handle the power cord or its plugs with wet hands when plugging into, or unplugging from, an outlet.



Cautions when moving this unit

Since this product is very heavy, you must make sure that a sufficient number of people are on hand to help, so you can lift and move it safely, without causing strain. Make sure to have a firm grip, to protect yourself from injury and the instrument from damage. If you need to move the instrument, consult with your retailer, or Rodgers Instruments US LLC, as listed on the "Notice to Users" (p. 11).



Unplug the power cord from the outlet before cleaning

Before cleaning the unit, turn it off and unplug the power cord from the outlet.



If there is a possibility of lightning strike, disconnect the power cord from the outlet

Whenever you suspect the possibility of lightning in your area, pull the plug on the power cord out of the outlet.



Take care not to get fingers pinched by lid

Be careful so you don't get your fingers pinched when you handle any moving parts such as the following:

- Lid



Adult supervision is recommended whenever small children use the unit.

⚠ CAUTION

Precautions concerning use of bench

When using the bench, please observe the following points:

- Do not allow two or more persons to sit on the bench.
- Do not adjust the height while sitting on the bench.



Do not remove the speaker grille and speaker

Do not remove the speaker grille and speaker by any means. Speaker not user replaceable. Shock hazardous voltages and currents are present inside the enclosure.



Disconnecting power from AC mains

To completely disconnect this apparatus from the AC mains, disconnect the power supply cord plug from the AC receptacle.



The power supply cord must be accessible

The mains plug of the power supply cord shall remain readily accessible.



or

The power switch must be accessible

The main power switch is the main power disconnect device for this unit. Therefore, the power switch shall be readily accessible.



Caution concerning tipping risk

It is recommended to securely attach the pedalboard to the cabinet using the designated mounting hardware. This is to prevent tipping, despite all safety measures to avoid accidents.



Power Supply

- Do not connect this unit to same electrical outlet that is being used by an electrical appliance that is controlled by an inverter or a motor (such as a refrigerator, washing machine, microwave oven, or air conditioner). Depending on the way in which the electrical appliance is used, power supply noise may cause this unit to malfunction or may produce audible noise. If it is not practical to use a separate electrical outlet, connect a power supply noise filter between this unit and the electrical outlet.
- To prevent malfunction and equipment failure, always make sure to turn off the power on all your equipment before you make any connections.
- Although the LCD and LEDs are switched off when the unit is turned off, this does not mean that the unit has been completely disconnected from the source of power. If you need to turn off the power completely, first turn off the unit's switch, then unplug the power cord from the power outlet. For this reason, the outlet into which you choose to connect the power cord's plug should be one that is within easy reach and readily accessible.
- The supply voltage tolerance for 120V and 240V units is -10% to +6%. The operating ambient temperature range is 32-113°F (0-45°C).

NOTE

The settings you were editing will be lost when the unit is turned off. If you want to keep your settings, you must save your settings before turning the unit off.

Placement

- Using the unit near power amplifiers (or other equipment containing large power transformers) may induce hum. To alleviate the problem, change the orientation of this unit; or move it farther away from the source of interference.
- This device may interfere with radio and television reception. Do not use this device in the vicinity of such receivers.
- Noise may be produced if wireless communications devices, such as cell phones, are operated in the vicinity of this unit. Such noise could occur when receiving or initiating a call, or while conversing. Should you experience such problems, you should relocate such wireless devices so they are at a greater distance from this unit, or switch them off.
- Do not expose the unit to direct sunlight, place it near devices that radiate heat, or otherwise subject it to temperature extremes. Also, do not allow lighting devices that normally are used while their light source is very close to the unit (such as a piano light), or powerful spotlights to shine upon the same area of the unit for extended periods of time. Excessive heat can deform or discolor the unit.
- Do not allow rubber, vinyl, or similar materials to remain on this unit for long periods of time. Such objects can discolor or otherwise harmfully affect the finish.
- Do not allow objects to remain on top of the keyboard or pedal board. This can be the cause of malfunction, such as keys ceasing to produce sound.
- Do not paste stickers, decals, or the like to this instrument. Peeling such matter off the instrument may damage the exterior finish.

- Do not put anything that contains water on this unit. Also, avoid the use of insecticides, perfumes, alcohol, nail polish, spray cans, etc., near the unit. Swiftly wipe away any liquid that spills on the unit using a dry, soft cloth.

Maintenance

- To clean the unit, use a dry, soft cloth; or one that is slightly dampened. Try to wipe the entire surface using an equal amount of strength, moving the cloth along with the grain of the wood. Rubbing too hard in the same area can damage the finish.
- Never use benzene, thinners, alcohol or solvents of any kind, to avoid the possibility of discoloration and/or deformation.

Repairs and Data

- Please be aware that all data contained in the unit's memory may be lost when the unit is sent for repairs. Important data should always be backed up the USB drive, or written down on paper (when possible). During repairs, due care is taken to avoid the loss of data. However, in certain cases (such as when circuitry related to memory itself is out of order), we regret that it may not be possible to restore the data, and Rodgers assumes no liability concerning such loss of data.

Additional Precautions

- Please be aware that the contents of memory can be irretrievably lost as a result of a malfunction, or the improper operation of the unit. To protect yourself against the risk of losing important data, we recommend that you periodically save a backup copy of important data you have stored in the USB drive.
- Unfortunately, it may be impossible to restore the contents of data that was stored in the unit's memory or USB drive once it has been lost. Rodgers US LLC assumes no liability concerning such loss of data.
- Use a reasonable amount of care when using the unit's buttons, sliders, or other controls; and when using its jacks and connectors. Rough handling can lead to malfunctions.
- Never strike or apply strong pressure to the display.
- When disconnecting all cables, grasp the connector itself—never pull on the cable. This way you will avoid causing shorts, or damage to the cable's internal elements.
- A small amount of heat will radiate from the unit during normal operation.
- To avoid disturbing others nearby, try to keep the unit's volume at reasonable levels. You may prefer to use headphones, so you do not need to be concerned about those around you.
- When you need to transport the unit, pack it in shock-absorbent material. Transporting the unit without doing so can cause it to become scratched or damaged, and could lead to malfunction.
- Do not apply undue force to the music stand while it is in use.
- Some connection cables contain resistors. Do not use cables that incorporate resistors for connecting to this unit. The use of such cables can cause the sound level to be extremely low, or impossible to hear. For information on cable specifications, contact the manufacturer of the cable.

- Due to the structural design of this instrument, small pets or other animals could end up getting trapped inside it. If such a situation is encountered, you must immediately turn off the unit and disconnect the power cord from the outlet. You should then consult with the retailer from whom the instrument was purchased, or contact Rodgers Instruments US LLC, as listed on the "Notice to Users" (p. 11).
- When opening or closing the lid, please be careful not to get your fingers pinched between the movable part and the panel.
- The explanations in this manual include illustrations that depict what should typically be shown by the display.

Note, however, that your unit may incorporate a newer, enhanced version of the system (e.g., includes newer sounds), so what you actually see in the display may not always match what appears in the manual.

REMARQUES IMPORTANTES

Alimentation

- Ne pas brancher cet appareil dans une prise de courant déjà utilisée par un appareil électrique contrôlé par un onduleur (réfrigérateur, lessiveuse, four micro-ondes, climatiseur, etc.) ou comportant un moteur. Suivant le mode d'utilisation de l'appareil électrique, le bruit induit peut nuire au fonctionnement de l'instrument ou produire un bruit audible. Si, pour des raisons pratiques, il est impossible d'utiliser une prise distincte, brancher un filtre de bruit induit entre cet appareil et la prise de courant.
- Avant de brancher l'appareil à d'autres appareils, mettre l'ensemble des appareils hors tension, de façon à éviter d'endommager les haut-parleurs et les autres périphériques.
- Bien que l'écran et les voyants s'éteignent lorsqu'on éteint l'appareil, celui-ci peut rester activé par la source d'alimentation. S'il faut désactiver l'alimentation complètement, appuyer d'abord sur le commutateur pour désactiver l'appareil, puis débrancher le cordon d'alimentation de la prise de courant. C'est pourquoi la prise de courant choisie pour brancher le cordon d'alimentation doit être facilement accessible.
- La tolérance de tension d'alimentation pour les unités 120V et 240V est comprise entre -10% et +6%. La plage de température ambiante de fonctionnement est 32-113°F (0-45°C).

NOTE

Si l'appareil est éteint pendant la modification des paramètres, les nouveaux réglages seront perdus. Pour les conserver, il faut les enregistrer avant de l'éteindre.

Emplacement

- Lorsque l'appareil est utilisé à proximité d'amplificateurs de puissance (ou de tout autre équipement contenant d'importants transformateurs de puissance), un bourdonnement peut se faire entendre. Pour atténuer le problème, changer l'orientation de l'appareil ou l'éloigner de la source d'interférence.
- Cet appareil peut interférer avec la réception radio et télévision. Ne pas l'utiliser à proximité de ce type de récepteurs.
- Un bruit peut se faire entendre si des appareils de communication sans fil, tels que des téléphones cellulaires, sont utilisés à proximité de l'appareil. Ce type de bruit peut se produire lors de la réception ou de l'émission d'un appel, ou pendant une conversation téléphonique. En cas de problème de ce genre, éteindre les appareils sans fil concernés ou les déplacer de façon à les éloigner suffisamment de l'appareil.
- Éviter d'exposer l'appareil à la lumière directe du soleil, de le placer à proximité d'appareils qui émettent de la chaleur, de le laisser à l'intérieur d'un véhicule fermé et de le soumettre de quelque manière que ce soit à des températures extrêmes. Éviter en outre de laisser les appareils d'éclairage dont l'utilisation normale place la source lumineuse très près de l'appareil (comme une lampe de piano) ou de puissants projecteurs éclairer longtemps la même partie de l'appareil. Une chaleur excessive peut déformer ou décolorer l'appareil.
- Ne pas laisser d'objets de caoutchouc, de vinyle ou de matériaux semblables sur l'appareil pendant longtemps. Ces objets peuvent décolorer ou abîmer la finition de l'appareil.

- Ne pas laisser d'objets sur le clavier ou le pédalier. Le poids de ces objets risque de provoquer des défauts, par exemple des touches qui ne produisent aucun son.
- Ne pas coller d'autocollants, de décalcomanies ou autres images sur l'appareil. Au moment de les enlever, la finition risque de s'abîmer.
- Ne jamais placer sur l'appareil quelque chose qui contient de l'eau. Éviter en outre d'utiliser des insecticides, des parfums, de l'alcool, du vernis à ongles, des vaporisateurs, etc., à proximité de l'appareil. Si du liquide est renversé sur l'appareil, l'essuyer rapidement avec un linge sec et doux.

Entretien

- Pour nettoyer l'appareil, utiliser un chiffon sec et doux ou un chiffon légèrement imbibé d'eau. Essayer d'essuyer toute la surface en appuyant également, dans le sens des fibres du bois. Ne pas frotter trop fort en un seul endroit, pour éviter d'endommager la finition.
- Ne jamais utiliser de benzine, de diluant, d'alcool ni de solvants afin d'éviter tout risque de décoloration ou de déformation.

Réparations et données

- Veuillez prendre note que toutes les données enregistrées dans la mémoire de l'appareil peuvent se perdre lorsque l'appareil est envoyé pour réparation. Il est important de toujours sauvegarder les données sur une clé de mémoire USB, ou de les inscrire sur papier (si possible). Durant les réparations, les techniciens prennent soin d'éviter toute perte de données. Malheureusement, dans certains cas (comme un bris des circuits de mémoire), il peut s'avérer impossible de récupérer les données, et Rodgers ne peut assumer aucune responsabilité quant aux données perdues.

Précautions Supplémentaires

- Il est important de savoir que le contenu de la mémoire peut être définitivement perdu en cas d'erreur technique ou de défaillance de l'appareil. Pour prévenir le risque de perte des données importantes, nous recommandons aux utilisateurs de faire régulièrement des copies de sauvegarde de ce qui se trouve dans la mémoire de l'appareil et sur la clé de mémoire USB.
- Malheureusement, si le contenu de la mémoire de l'appareil ou de la clé USB est perdu, sa récupération pourrait s'avérer impossible, et Rodgers ne peut pas assumer la responsabilité des données perdues.
- Manipuler avec un soin raisonnable les boutons, index et autres commandes de l'appareil, de même que les prises audio et les connecteurs. Une manipulation non soignée peut entraîner des dysfonctionnements.
- Ne jamais frapper l'écran ou y appliquer une forte pression.
- Pour débrancher un câble, le saisir par le connecteur – ne jamais tirer sur le câble lui-même, de façon à éviter de causer des mauvais contacts ou d'endommager ses éléments internes.
- Il est normal que l'appareil dégage un peu de chaleur pendant qu'il fonctionne.
- Pour éviter de déranger les gens à proximité, essayer de garder le volume à un niveau raisonnable. Il est aussi possible d'utiliser des écouteurs pour ne pas avoir à s'en soucier.

- Si l'appareil doit être transporté, le protéger d'abord avec un emballage antichoc. Autrement, il risque d'être égratigné ou endommagé, et un dysfonctionnement pourrait s'ensuivre.
- Éviter d'appliquer une trop grande force sur le lutrin lorsqu'il est en cours d'utilisation.
- Certains câbles de connexion contiennent des résistances; aux fins de connexion à cet appareil, éviter d'utiliser ces câbles, qui peuvent rendre le son extrêmement faible, voire inaudible. Pour obtenir les caractéristiques techniques de câbles en particulier, prière de communiquer avec le fabricant concerné.
- En raison de la conception structurelle de cet instrument, il pourrait arriver que des petits animaux domestiques ou autres se retrouvent coincés à l'intérieur. En pareille situation, éteindre immédiatement l'appareil et le débrancher de la prise de courant. Ensuite, consulter le détaillant qui a vendu l'instrument ou communiquer avec Rodgers Instruments aux coordonnées indiquées dans l'avis aux utilisateurs (Notice to Users, p. 11).
- En ouvrant ou en refermant le couvercle, faire attention de ne pas se coincer les doigts entre la partie mobile et le panneau.
- Les explications fournies dans ce manuel comprennent des illustrations qui indiquent ce qui apparaît habituellement à l'écran.

Il est toutefois à noter que l'appareil pourrait comporter une version mise à jour ou améliorée du système (p. ex. une banque sonore renouvelée), de telle sorte que l'affichage à l'écran peut ne pas correspondre à ce qui est montré dans le manuel.

Contents

USING THE UNIT SAFELY	5	Resetting the Sound Settings (General Cancel)	19
IMPORTANT NOTES	9	Using Memory Levels	19
Quick Tour	12	Menus in the American 342	20
Power on the Organ	13	Demo Songs	20
Selecting Stops (Sounds)	13	Temperaments	21
List of Stops	14	Tuning	22
About Thumb Pistons	15	Direct Position	22
The SET Piston	15	Room Type	23
The ORGAN TYPE Piston	15	Orchestral Stops	24
General Pistons 1-10	15	If Orchestral Stops = MIDI A or MIDI B	24
TRANSP- and TRANSP+ Pistons	16	Console	26
Choir Divisional Pistons 1-5	16	Keyboards	26
Great Divisional Pistons 1-5	16	Display Contrast	26
Pedal Divisional Pistons 1-3	16	Expression Pedals	27
Swell Divisional Pistons 1-3	16	Audio	28
Memory Level Select M- and M+ Pistons	16	Utility	28
ENTER Piston	16	Crescendo	29
MENU Piston	16	Chorus Default	29
VOL Piston	16	Wind Quality	30
REV Piston	16	Key Volumes	30
BASS Coupler Piston	17	a. Adjust	31
MEL Coupler Piston	17	b. Reset one stop	31
0 Piston (General Cancel)	17	c. Reset all stops	32
ALL EXPR SW Piston	17	Reset Menu	32
Expression Shoes	18	Version	33
External Connectors	18	About the Keyboards	34
Headphones	18	Specifications	35
Storing or Recalling a Registration (Combination of Stops)	19	MIDI Implementation Chart	36
		MIDI Specifications	37

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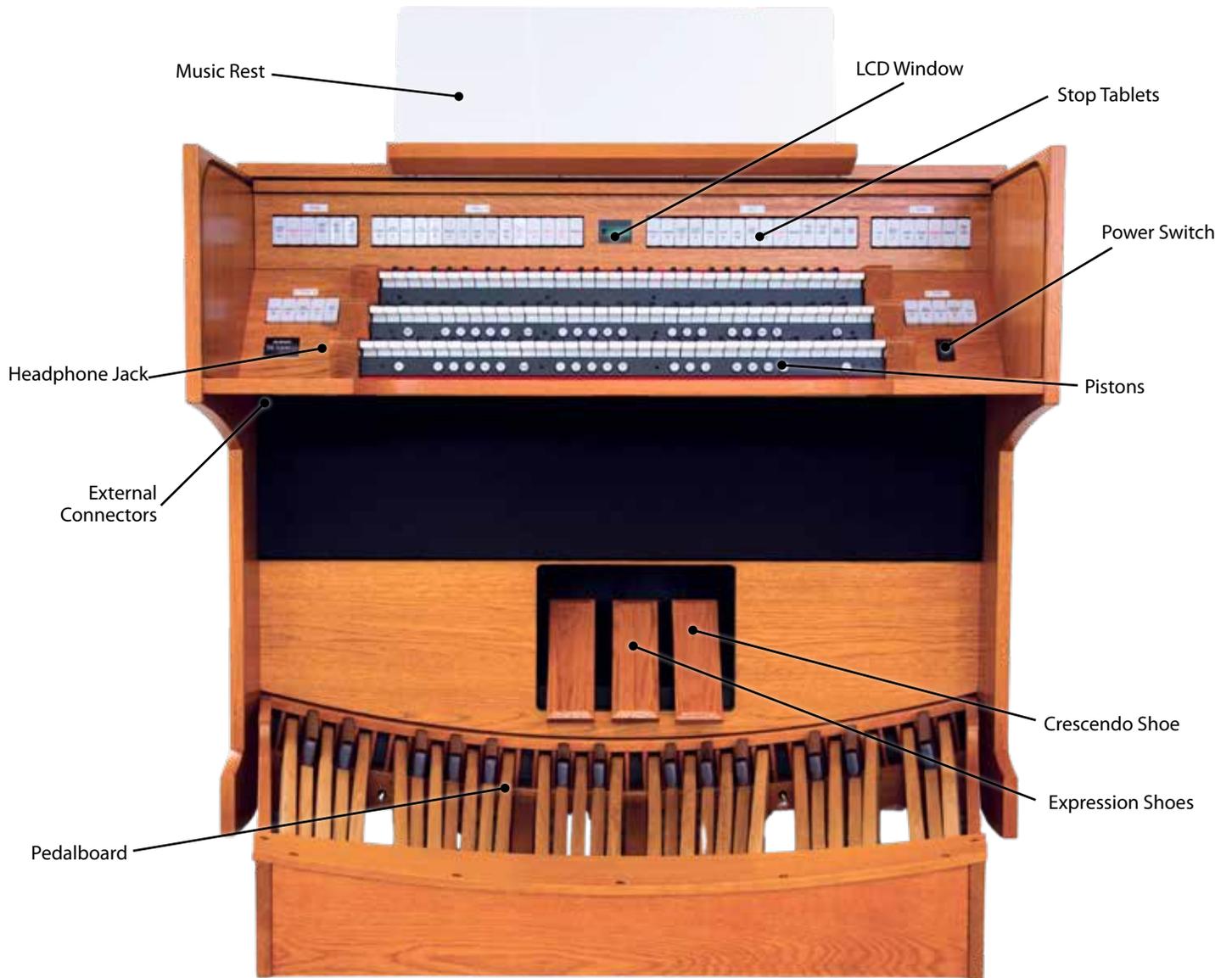
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The American 342 Quick Tour



Power on the Organ

Turn on the organ using the Power Switch located on the right, as shown on page 12. Wait for a few seconds.



The organ is ready when the display looks like this.

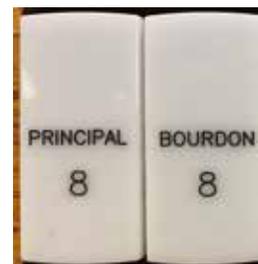


Selecting Stops (Sounds)

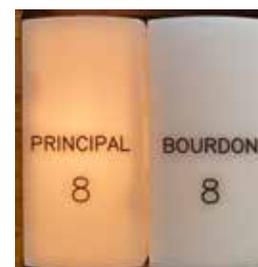
By pressing the tablets you can play a variety of pipe organ sounds. The sounds assigned to the tablets are called "stops."

The tablets are organized into groups called "divisions." The divisions are Pedal, Swell, and Great. If a tablet is lit, you'll be able to play the corresponding stop.

For example, find the stop PRINCIPAL 8 in the Great division. Press the bottom part of the tab to turn it on.



The tablet lights up, indicating it is on and ready to play. You can play this PRINCIPAL 8 stop on the Great keyboard (called "manual") which is the middle manual. To turn off the stop, press the top part of the tablet.



List of Stops

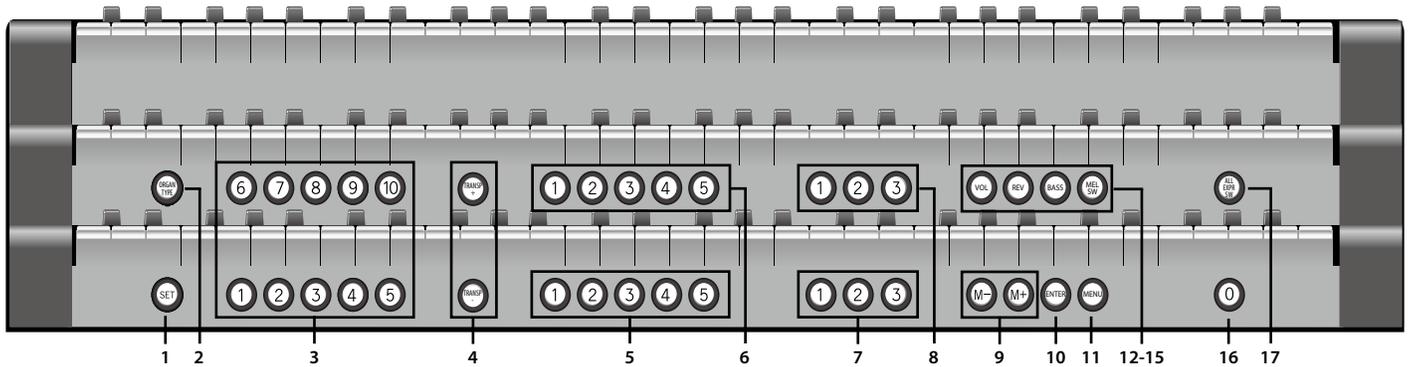
The American Series 342 organ features three American Organ Types, sampled from three American pipe organs: American Classic, American Eclectic, and American Symphonic. Each Organ Type has the same default stop name as the engraving on the stop tablets, with the exception of the Choir Cromorne, which is a Clarinet for the Eclectic and Symphonic Organ Types.

For more information about the three Organ Types, please refer to the next page, "The ORGAN TYPE Piston."

GREAT (<i>Middle manual</i>)	SWELL (<i>Upper manual</i>)	CHOIR (<i>Lower manual</i>)	PEDAL
Principal 8	Bourdon 16	Bourdon 8	Principal 16
Bourdon 8	Geigen Principal 8	Viola Pomposa 8	Subbass 16
Flauto Dolce 8	Gedeckt 8	Erzahler 8	Echo Bourdon 16
Flute Céleste 8	Viole de Gambe 8	Erzahler Céleste 8	Octave 8
Octave 4	Viole Céleste 8	Octave 4	Bass Flute 8
Flute 4	Principal 4	Flute 4	Choral Bass 4
Quint 2-2/3	Flute 4	Block Flute 2	Bombarde 16
Super Octave 2	Nazard 2-2/3	Larigot 1-1/3	Trumpet 8
Mixture IV	Octavin 2	Mixture IV	Great to Pedal
Trumpet 8	Tierce 1-3/5	Cromorne 8 (<i>Clarinet 8</i>	Swell to Pedal
Tremulant	Plein Jeu IV	<i>for Eclectic and</i>	Choir to Pedal
Swell to Great	Fagotto 16	<i>Symphonic Organ Types</i>)	
Choir to Great	Trumpet 8	Tremulant	
Orchestral Trumpet/MIDI *	Oboe 8	Swell to Choir	
Orchestral Oboe/MIDI *	Tremulant		

*For more information about the Orchestral Trumpet and the Orchestral Oboe, please refer to page 23, "Orchestral Stops." These tabs also serve to access MIDI voices if an external sound module is connected to the organ. Please refer to page 23 for more information about MIDI.

About Thumb Pistons



1. The SET Piston

This stores a combination of sounds (a registration) to one of the numbered pistons.

Procedure:

1. Turn on the desired stops for a combination of stops (a registration).
2. Press and hold in the SET piston, then press one of the numbered pistons.
3. Release both pistons.
4. Now this numbered piston has stored the stops you selected. When you press this numbered piston again, you will see the active stops you saved into this piston.

2. The ORGAN TYPE Piston

The American Series 342 organ features three American Organ Types, distinct high-resolution samples from three American pipe organs: American Classic, American Eclectic, and American Symphonic. Each Organ Type has the same default stop name as the engraving on the stop tablets.

American Classic

- Balanced and natural, blending romantic warmth with baroque clarity
- Supports congregational singing very well
- Well-known iconic American pipe organ sound

American Eclectic

- Internationally inspired, blending French, German, and Italian organ traditions
- Brilliant and powerful, with more color and variation
- Highly versatile, capable of performing a broad range of repertoire

American Symphonic

- Warm and romantic, emphasizing full, rich diapasons and flutes
- Reeds are soft yet expressive, contributing to an orchestral character
- Dynamic and expressive, perfect for Romantic repertoire and symphonic transcriptions

How to select the Organ Type

Press and release the ORGAN TYPE piston (the ENTER piston flashes), then press M+ to change the Organ Type from Classic to Eclectic or Symphonic. Press ENTER to load this Organ Type. Now each organ stop tab will play the stops of the Organ Type you selected.

3. General Pistons 1-10

Each of these pistons can store a combination of stops (registration) from the entire organ. Refer to "Storing a Combination of Stops" on page 19 for more information.

4. TRANSP- and TRANSP+ Pistons

The display shows the transposed value ranging from -6 to +5 half-steps. At each press of these pistons, the pitch of the entire organ is transposed one half-step down or up. Pressing 0 (Cancel) returns the organ's pitch to normal. Pressing ENTER while pressing the Transpose piston saves the value as power-on default.

5. Choir Divisional Pistons 1-5

Each of these pistons can store a combination of stops (registration) from the Choir division only.

6. Great Divisional Pistons 1-5

Each of these pistons can store a combination of stops (registration) from the Great division only.

7. Pedal Divisional Pistons 1-3

Each of these pistons can store a combination of stops (registration) from the Pedal division only.

8. Swell Divisional Pistons 1-3

Each of these pistons can store a combination of stops (registration) from the Swell division only.

9. Memory Level Select M- and M+ Pistons

Use these pistons when you want to switch memory levels. This organ has a total of 125 memory levels.

These pistons also decrease/increase the value of a menu item if you are making menu selection and adjustments.

10. ENTER Piston

Use this piston to access and/or save a menu item.

11. MENU Piston

Use this piston to access a menu item. The MENU piston is also used to back out one menu level.

12. VOL Piston

Use the VOL (Volume) piston to adjust the organ's overall volume. Press the VOL piston (it lights up). Then press the M- or M+ piston (once or multiple times) to raise or lower the volume.

To save the adjusted volume, press the ENTER piston while the VOL piston is illuminated. This will become the default volume setting when the organ is powered on.

The current volume level is shown on the display, to the right of the speaker icon, here at 85% :



13. REV Piston

Use the REV (Reverb) volume control to adjust the volume of the acoustic reverb effect. Press the REV piston until it lights up, then press the M- or M+ piston (once or multiple times) to adjust the volume of the reverb effect. Refer to page 27 "Audio" for more information.

The American 342 has 12 sampled reverb selections. Refer to page 23 "Room Type" for more information.

14. BASS Coupler Piston

This causes the lowest note played on the Great manual to play stops active in the PEDAL division.

Using the BASS coupler is a great help to keyboardists and pianists because this coupler can be a substitute to actually playing notes on the pedal board with your feet.

15. MEL SW Coupler Piston

This causes the highest note played on the Great manual to play stops active in the SWELL division.

16. 0 Piston (General Cancel)

This turns off, or cancels, all tablets, couplers, and pistons.

17. ALL EXPR SW Piston

This assigns the expression of all divisions to the Swell expression shoe.

Expression Shoes



CH/GT/PD SWELL CRESC

The left shoe controls the expression of the Choir, Great & Pedal. The middle shoe controls the expression of the Swell. The right shoe is the Crescendo Shoe.

External Connectors

The external connectors are located on the left side, underneath the manuals.



AUX IN

A stereo audio input (3.5mm jack line signal) for connection of an external device to play the sound through the organ audio system. For example, you can connect the audio signal from your electronic devices (such as mobile phone, laptop, PC or tablet), listen to the music and join in with the organ playing.

MIDI IN, OUT Ports

You can connect an external MIDI device here to exchange performance data with the organ.

AUX OUT

A stereo audio output (3.5mm jack line signal) is available to connect an external device, such as an amplifier or recording device.

⚠ To prevent malfunction and equipment failure, always turn off the unit before making any connections.

Headphones

Location of Headphone Port

A 1/4" stereo headphone port is located to the left of the keyboards. (See illustration on page 12).

NOTE

When a headphone jack is inserted, the organ's speakers are automatically muted.

Storing or Recalling a Registration (Combination of Stops)

Storing a Registration

1. Turn on the stops to select the combination of sounds you want to store.
2. While holding the [SET] piston, press one of the general pistons.
 - When you press a general piston, the state of the stops for all divisions, the couplers, and the tremulants will be stored.

Recalling a Registration

1. Press one of the general pistons.

Resetting the Sound Settings (General Cancel)

1. Press the general cancel [0] piston.
The illumination for all stops and pistons will turn off.

Using Memory Levels

1. Use the memory level [M-]/[M+] pistons to select the memory level number to be used for stop registrations. The American 342 organ has 125 memory levels in the organ's internal memory.
2. Pistons may be set differently on each memory level.

Recalling a Registration from a Different Memory Level

1. From the main screen, use the memory level select [M-]/[M+] pistons to select the number of the memory level that you want to recall.

NOTE

Simply pressing a memory level select [M-]/[M+] piston will not recall a registration.

2. Press one of the general pistons.

Menus in The American 342

Menus allow you to access various functions of the organ. Detailed information follows this list.

- Demo
- Temperaments
- Tuning
- Direct Position
- Room Type
- Orchestral Stops
- Console
- Expression Pedals
- Audio
- Utility

Demo Songs

The Rodgers American 342 organ features 12 automatic demo songs.

Title	Display	Comment
My Country 'Tis of Thee	MyCountryTis Traditional	Flute and Principal stops
America the Beautiful	AmericaBeautiful Samuel ward	Featuring the Orchestral Oboe
Amazing Grace	AmazingGrace Traditional	Common hymn
Holy, Holy, Holy	HolyHolyHoly Nicea	Common hymn
Hyfrydol	Hyfrydol R. Prichard	Common hymn
Jesu, Joy of Man's Desiring	JesuJoy J.S. Bach	General, weddings, seasonal
Ode to Joy	OdeToJoy L. Beethoven	General, weddings, seasonal
Bridal Chorus	BridalChorus Richard wagner	Weddings
Trumpet Voluntary	TrumpetVoluntary J. Clarke	Featuring the Orchestral Trumpet, general, weddings
Wedding March	weddingMarch F. Mendelssohn	Weddings
Christ the Lord is Risen Today	ChristISRisen Easter Hymn	Easter
O Come, All Ye Faithful	OComeAllYeFaith Adestes Fideles	Christmas

To play a demo song:

1. Press the MENU piston (the ENTER piston flashes).	Quick Menu: Demo
2. Press the ENTER piston. The title of the first demo song appears on the display.	Demo MyCountryTis
3. Use the M- and M+ pistons to select one of the 12 demo songs and press the ENTER piston.	
4. Use the M- and M+ pistons to choose whether to play only the selected demo song (Play one demo) or all demo songs (Play all demos).	MyCountryTis Play one demo
5. Press the ENTER piston to start playing the selected demo song(s). The title of the demo song appears on the display.	



While playing a demo song, organ functions are disabled. To stop playing the demo song, press the 0 piston.

6. Press the 0 piston to exit the Quick Menu.	
---	--

Temperaments

The Rodgers American 342 organ features 11 historic temperaments. Historical styles of music, such as baroque, can be played in the tunings that were used during that time.

- Equal (normal temperament)
- Young II
- Vallotti
- Kirnberger III
- Kirnberger II
- Neidhardt III
- Werkmeister III
- 1/6 Meantone (1/6 comma meantone)
- 1/5 Meantone (1/5 comma meantone)
- 1/4 Meantone (1/4 comma meantone)
- Pythagorean

To select a temperament:

1. Press the MENU piston (the ENTER piston flashes).	Quick Menu: Demo
2. Use the M- and M+ pistons to select the Temperaments menu on the display.	Quick Menu: Temperaments
3. Press the ENTER piston. The current temperament appears on the display.	Temperaments Equal
4. Use the M- and M+ pistons to select the desired temperament, for example Kirnberger III. Press the ENTER piston to confirm.	Temperaments Kirnberger III
5. Press the 0 piston 2x to exit the Quick Menu.	



The temperament setting cannot be saved. When the organ is powered off and on again, it is set to Equal by default.

Tuning

The Tuning function shifts the pitch in steps of 1 Hz from 426 Hz to 454 Hz. (Standard pitch is A=440 Hz). The pitch is shown in the display window.

To change the organ's tuning:

1. Press the MENU piston (the ENTER piston flashes).	Quick Menu: Demo
2. Use the M- and M+ pistons to select Tuning on the display.	Quick Menu: Tuning
3. Press the ENTER piston. The current tuning appears on the display.	Tuning 440 Hz
4. Use the M- and M+ pistons to select the desired tuning, for example, 442 Hz. Press the ENTER piston to use this tuning.	Tuning 442 Hz
5. Press the MENU piston to exit the Quick Menu. The tuning value is shown on the display.	Tr: 0/442



The organ retains this tuning value when the organ is powered off and on again.

Direct Position

The Rodgers American 342 features an ambiance technology that uses convolution reverb to position the organ's sound in the room. Three listening positions are available: Chancel, Nave, or Gallery.

To select the Direct Position:

1. Press the MENU piston (the ENTER piston flashes).	Quick Menu: Demo
2. Use the M- and M+ pistons to select Direct Position on the display.	Quick Menu: Direct Position
3. Press the ENTER piston. The current position setting appears on the display.	Ambiance Nave (default)
4. Use the M- and M+ pistons to select the desired location: Chancel: You hear the organ at the front of the room closest to the console. Nave: You hear the organ at the center of the room. Gallery: You hear the organ at the back of the room.	
5. Press ENTER to confirm the selection, or MENU piston to exit the Quick Menu. The Direct Position value is shown on the display.	



The organ retains this Direct Position value when the organ is powered off and on again.

Room Type

The Rodgers American 342 organ features 12 sampled church reverberations. By changing the Room Type you can experience the sensation of performing in a variety of locations.

Room Type	Location
Room Type 2.0 seconds	Tittle Chapel, Evanston, Illinois
Room Type 2.5 seconds	Mt. Vernon Place Church, Washington, D.C.
Room Type 3.0 seconds	Park Church, Grand Rapids, Michigan
Room Type 3.5 seconds	Brown Memorial Church, Baltimore, Maryland
Room Type 4.0 seconds	St. Dunstan's Church, McLean, Virginia
Room Type 5.0 seconds	Mechanics Hall, Worcester, Massachusetts
Room Type 5.5 seconds	Cathedral of the Incarnation, Baltimore, Maryland
Room Type 6.0 seconds	St. Matthew's Church, Hillsboro, Oregon
Room Type 6.5 seconds	St. Michael's Church, Wheaton, Illinois
Room Type 7.5 seconds	Eglise Saint-Eloi, Dunkerque, France
Room Type 9.0 seconds	Kathedrale Sankt Trinitatis, Dresden, Germany
Room Type 10.0 seconds	St. Mary of the Angels Church, Chicago, Illinois

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select Room Type on the display.	Quick Menu: Room Type
2. Press the ENTER piston. The current Room Type appears on the display.	Room Type 6.0sec StMatthew Church
3. Use the M- and M+ pistons to select the desired Room Type, for example, St. Mary of the Angels Church in Chicago, Illinois.	Room Type10.0sec St Mary Angels
4. Press ENTER to confirm the selected reverb.	Room Type10.0sec Loading samples
5. Press the MENU piston to exit the Quick Menu.	



The organ retains this Room Type value when the organ is powered off and on again.

Orchestral Stops

The Orchestral Trumpet and the Orchestral Oboe voices can be activated by their stop tabs. The orchestral voices are velocity-sensitive, affected by the key pressure on the manuals. The orchestral voices can be reassigned to another manual, or pedal, and this reassignment can be saved into a piston.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select Orchestral Stops on the display.	Quick Menu: Orchestra1 stops
2. Press the ENTER piston. The display will show Orchestral Trumpet. Use the M- and M+ pistons to change this value to Orchestral Oboe, MIDI A, or MIDI B. Press ENTER to confirm which selection is desired. <i>If you selected MIDI A or MIDI B, please refer to the information below.</i>	Orchestra1 stops Orch Trumpet
3. Use the M- and M+ pistons to change the assignment to Great, Swell, Choir, Pedal, or None. Press ENTER to confirm.	Trumpet Assigned: Swell
4. Press the 0 to exit the Quick Menu.	



This assignment of the orchestral voice can be saved into a piston.

If Orchestral Stops = MIDI A or MIDI B

MIDI A or MIDI B should be selected only if you have an external MIDI sound module connected to the MIDI ports of your organ, and you wish to access any of the sounds resident in the external sound module and play them from the Great, Swell, or Pedal keyboards. For detailed information, refer to the MIDI Implementation Chart and the MIDI Specifications information at the end of this manual.

1. The display shows MIDI A or MIDI B (see steps 1-3 above). Use the M- and M+ pistons to change this value. Press ENTER to confirm.	Orchestra1 stops MIDI A
2. Use the M- and M+ pistons to change the assignment to Great, Swell, Choir, Pedal, or None. Press ENTER to confirm.	MIDI A Division:>Swell
4. Press the M+ piston to show the PC (Program Change) number. <i>(The Owner's Manual of the external sound module has a directory of the sounds.)</i> Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value from OFF, 0-127. Press ENTER to confirm.	MIDI A PC:>16
5. Press the M+ piston to show the MSB (Most Significant Byte) number. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value from OFF, 0-127. Press ENTER to confirm.	MIDI A MSB:>66
6. Press the M+ piston to show the LSB (Least Significant Byte) number. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value from OFF, 0-127. Press ENTER to confirm.	MIDI A LSB:>0
7. Press the M+ piston to show the Level number. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value. Press ENTER to confirm.	MIDI A Level:>127

(Continued on next page.)

<p>8. Press the M+ piston to show the Expression value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value. Press ENTER to confirm.</p>	<p>MIDI A Expression:>On</p>
<p>9. Press the M+ piston to show the Reverb value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value. Press ENTER to confirm.</p>	<p>MIDI A Reverb:>0</p>
<p>10. Press the M+ piston to show the Chorus value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value. Press ENTER to confirm.</p>	<p>MIDI A Chorus:>0</p>
<p>11. Press the M+ piston to show the Velocity value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value (KBD, EXP, 2-127). Press ENTER to confirm.</p>	<p>MIDI A velocity:>KBD</p>
<p>12. Press the M+ piston to show the Octave value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value (-2, -1, Normal, +1, +2). Press ENTER to confirm.</p>	<p>MIDI A Octave:>NORMAL</p>
<p>13. Press the M+ piston to show the Sustain value. Press ENTER. The cursor moves to the second line of the display. Press the M+ or M- pistons to change the value (Off, On). Press ENTER to confirm. Pressing Pedal F# 19 key triggers the sustain function. You may rest your heel on Pedal F 18 as your toe presses F# 19.</p>	<p>MIDI A Sustain:>ON</p>
<p>13. Press the 0 piston to exit the Quick Menu.</p>	



This assignment of the external sound module's MIDI A or MIDI B can be saved into a piston.

Console

This is a group of sub menus for the Keyboards and the Display Contrast.

Keyboards

The Keyboards functions sets the operation of the keys.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Console" and press ENTER to confirm.	Quick Menu: Console
2. Use the M- and M+ pistons to select Keyboards on the display.	Console: Keyboards
3. Press the ENTER piston. The manual and setting appear on the display.	>Great Automatic
4. Use the M- and M+ pistons to change the manual to Swell, Great, or Choir.	
5. Press ENTER. The cursor moves to the second line of the display.	Great >Automatic
6. Use the M- and M+ pistons to select a setting for the operation of the keys. - Automatic: The key response is set to High, and Velocity. - High: The keys respond when touched very lightly. - Low: The keys respond when pressed further. - Velocity: The keys are touch-sensitive, for Orchestral voices only.	
7. Press ENTER. The manual setting is now saved and the cursor moves back to the first line of the display.	>Great Automatic
8. Repeat steps 4 to 7 to change the setting of another manual, or press MENU 3x to exit the menu.	

Display Contrast

This adjusts the display contrast.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Console" and press ENTER to confirm.	Quick Menu: Console
2. Use the M- and M+ pistons to select "Display Contrast" on the display.	Console: Display Contrast
3. Press the ENTER piston. The current contrast level appears on the display.	Display Contrast Level: 1
4. Use the M- and M+ pistons to select the desired contrast level between 1-15.	
5. Press ENTER to confirm and return to the Console menu.	Console: Display Contrast
6. Press MENU 2x to exit the Quick Menu.	

Expression Pedals

The American 342 has 3 shoes. The left shoe controls the expression of the Choir, Great & Pedal. The middle shoe controls the expression of the Swell. The right shoe is the Crescendo shoe. However, in this menu, the middle shoe can be configured as Master Expression (or Swell and Choir expression only if Great/Pedal expression is set to unenclosed).

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Expression Pedals" and press ENTER to confirm.	Quick Menu: Expr. Pedals
2. Press the ENTER piston. The first expression pedal appears on the display.	Expr. Pedals Left Pedal
3. Use the M- and M+ pistons to select the expression pedal to be changed. (For example, expression pedal 2).	Expr. Pedals Middle Pedal
4. Press ENTER. The functions for the expression pedal appear on the display: - Ch: expression for the Choir - Gt/Pd: expression for the Great and Pedal - Sw: expression for the Swell	Middle Pedal > Ch: no
5. Use the M- and M+ pistons to select the desired function, for example, Sw.	Middle Pedal > Sw: Yes
6. Press ENTER. The cursor jumps to the setting.	Middle Pedal Sw: >Yes
7. Use the M- and M+ pistons to select the desired setting, for example, No.	Middle Pedal Sw: >No
8. Press ENTER to confirm. The cursor jumps back.	Middle Pedal >Sw: No
9. To change other functions, press MENU to return to the Expression Pedal menu, or press MENU 3x to exit the Quick Menu.	Expr. Pedals Middle Pedal

Audio

Adjustments of various audio parameters.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Audio" and press ENTER to confirm.	Quick Menu: Audio
2. Press the ENTER piston. The first Audio menu appears on the display.	Audio General Volume
3. Use the M- and M+ pistons to select General Volume, Internal Volume, Reverb Volume, Headphones/Aux, Bass/Brilliance, or Aux-in Reverb. Press the ENTER piston to confirm.	
4. The display will show the level in % for Volume, or in dB value for Bass and Brilliance. With the M- and M+ thumb pistons, the values can be changed between 1% and 100%, or -6 dB to +6 dB in steps of 0.5 dB. The flat position is 0.0 dB, the Volume default is 85%.	Bass 0.0 dB
5. Press the ENTER piston to use the new setting, or press MENU multiple times to exit the menu without changes.	

Utility

The Utility menu contains a group of sub-menus which are separated from the frequently-used menus.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the menu "Utility" and press ENTER to confirm.	Quick Menu: Utility
2. Press the ENTER piston. The first Utility menu appears on the display.	Utility Crescendo
3. Use the M- and M+ pistons to select Crescendo, Chorus Default, Wind Quality, Key Volumes, Reset Menu, or Version Press the ENTER piston to confirm.	
4. The above individual Utility submenus will be explained in the sections below.	

Crescendo

The Crescendo pedal function contains 20 pre-programmed registrations. These registrations start with very quiet (pianissimo) to very loud (tutti). These pre-programmed registrations can be changed.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
2. Use the M- and M+ pistons to select "Crescendo" on the display.	Utility Crescendo
3. Press the ENTER piston. The first step of the crescendo pedal appear on the display.	Crescendo Cres. step: 1
4. Use the M- and M+ pistons to select the step you wish to be changed (for example, step 5).	Crescendo Cres. step: 5
5. Change the registration and press the ENTER piston to save the new registration in the memory of the organ.	

If a higher crescendo level is programmed with fewer stops:



- If a stop is removed from a crescendo level, the same stop is automatically removed from the lower crescendo levels.
- And when a stop is added to a crescendo level, it is automatically added to the higher crescendo levels.

Step 0 of the crescendo pedal cannot be changed.

6. Repeat steps 4 and 5 to change more crescendo pedal steps.

7. Press the MENU piston 2x to exit the menu system.

Chorus Default

This changes the default setting for the chorus, whether it is on or off, when the organ is powered on.

1. Press the MENU piston. Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: utility
2. Use the M- and M+ pistons to select "Chorus Default" on the display.	utility Chorus Default
3. Press the ENTER piston. The setting appears on the display (default) On, or (default) Off.	Chorus Default (default) off
4. Use the M- and M+ pistons to change the desired setting, for example Off.	Chorus On/Off off
5. Press the ENTER piston to confirm and to return to the Utility menu.	utility Chorus Default
6. Press the MENU piston 2x to exit the menu system.	

Menus in The American 342

Wind Quality

This allows you to set the wind quality setting for 'chorus off' and 'chorus on'.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
2. Use the M- and M+ pistons to select "Wind Quality" on the display.	Utility Wind Quality
3. Press the ENTER piston. The current Wind Quality setting appears with Chorus off. With the M- and M+ pistons the value can be changed between 80%-100%.	Wind Quality CH off: 100%
4. Press the MENU piston 2x to exit the menu system.	

Key Volumes

The Key Volumes function allows you to adjust the volume of the keys on each stop. The Key Volumes function consists of the following sub functions:

- Adjust
- Reset one stop
- Reset all stops

a. Adjust

The Adjust function sets the volume per key, stop, and Organ Type.

1. Press the 0 (cancel) piston to turn off all stops.	
2. Use the ORGAN TYPE thumb piston to select an Organ Type. For more information, refer to p. 15 "The ORGAN TYPE piston".	
3. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
4. Use the M- and M+ pistons to select "Key Volumes" on the display.	Utility Key Volumes
5. Press the ENTER piston. The first sub function of the Key Volumes, "Adjust", appears on the display.	Key Volumes Adjust
6. Press the ENTER piston. The display informs you to select one stop.	Select one stop only
7. Turn on one stop. The display informs you to press a key.	Key: press a key Vol: -/+
8. Press one key for that stop and hold the key. The display shows the active key and its volume setting.	Key: 3 C Vol: 83 -/+
9. Use the M- and M+ pistons to set the desired volume.	

(Continued on next page.)

a. Adjust (continued from previous page)	
10. Press the ENTER piston to save the change. The display requests confirmation. Use the M- and M+ pistons to select "No" or "Yes".	Save changes? No/Yes
11. Press ENTER to confirm.	Key: press a key Vol: -/+
12. Press the MENU piston to return to the Key Volume menu.	Key volumes Adjust
13. If the changes have not been saved, the display will show "Discard changes?" Use the M- and M+ pistons to select "Yes" for discarding and press the ENTER piston. Go to step 17.	Discard changes? No/Yes
14. Use the M- and M+ pistons to select "No" if the changes still have to be saved, and press the ENTER piston.	Key: press a key Vol: -/+
15. Press the ENTER piston. The display requests confirmation.	Save changes? No/Yes
16. Use the M- and M+ pistons to select "Yes". Press the ENTER piston for confirmation.	Key: press a key Vol: -/+
17. Press the MENU piston 3x to exit the menu system.	



More key volumes can be changed by pressing another key or by selecting another stop.

b. Reset one stop	
The Reset one stop sub function resets the key volumes to the default factory voicing for one stop in one Organ Type.	
1. Press the 0 (cancel) piston to turn off all stops.	
2. Use the ORGAN TYPE thumb piston to select an Organ Type. For more information, refer to p. 15 "The ORGAN TYPE piston".	
3. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
4. Use the M- and M+ pistons to select "Key Volumes" on the display.	Utility Key volumes
5. Press the ENTER piston. The first sub function of the Key Volumes, Adjust, appears on the display.	Key volumes Adjust
6. Use the M- and M+ pistons to select "Reset one stop" sub function on the display.	Key volumes Reset one stop
7. Press the ENTER piston. A question to select a stop to reset appears on the display.	Select a stop to reset
8. Turn on a stop. A question to confirm appears on the display.	Reset this stop? No/Yes
9. Use the M- and M+ pistons to select "No" or "Yes".	Reset this stop? No/Yes

(Continued on next page.)

Menus in The American 342

b. Reset one stop (continued from previous page)

10. Press the ENTER piston to confirm to return to the Key Volumes menu.	Key Volumes Reset one stop
11. Press the MENU piston 2x to exit the menu system.	

c. Reset ALL stops

The Reset ALL stops function resets the key volumes to the factory default setting of all stops in one Organ Type.

1. Use the ORGAN TYPE thumb piston to select an Organ Type. For more information, refer to p. 15 "The ORGAN TYPE piston".	
2. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
3. Use the M- and M+ pistons to select "Key Volumes" on the display.	Utility Key Volumes
4. Press the ENTER piston. The first sub function of the Key Volumes, "Adjust", appears on the display.	Key Volumes Adjust
5. Use the M- and M+ pistons to select "Reset ALL stops" sub function on the display.	Key Volumes Reset ALL stops
6. Press the ENTER piston. A question to confirm appears on the display.	Reset ALL stops? No/Yes
7. Use the M- and M+ pistons to select "No" or "Yes".	Reset ALL stops? No/Yes
8. Press ENTER to confirm to return to the Key Volumes menu.	Key Volumes Reset one stop
9. Press the MENU piston 2x to exit the menu system.	

Reset Menu

This allows you to reset settings to their original factory default settings.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
2. Use the M- and M+ pistons to select "Reset Menu" on the display.	Utility Reset Menu
3. Press the ENTER piston. The first option of the Reset menu appears on the display.	Reset Menu Crescendo def.

(Continued on next page.)

4. Use the M- and M+ pistons to select the desired reset procedure:	
Crescendo def.:	Resets the 20 stops of the crescendo pedal to the factory default settings.
Expr. Pedals:	Resets the expression pedals to the factory default setting.
Memory default:	Resets M1 to factory default and clears M2-125.
Orchestra default:	Resets the Orchestral to the default factory settings.
Reverb default:	Resets the Room Type and Direct Position to the factory settings.
5. Press the ENTER piston. A question to confirm appears on the display.	Crescendo def. No/Yes
6. Use the M- and M+ pistons to select No or Yes. Press ENTER to confirm to return to the Reset Menu menu.	Reset Menu Crescendo def.
7. Press the MENU piston multiple times to exit the menu system.	

Version

The Version function shows the version number of the software of the organ.

1. Press the MENU piston (the ENTER piston flashes). Use the M- and M+ pistons to select the function "Utility" and press ENTER to confirm.	Quick Menu: Utility
2. Use the M- and M+ pistons to select "Version" on the display.	Utility Version
3. Press the ENTER piston. The data of the software and the organ appear on the display (after each other).	
4. Press the MENU piston 3x to exit the menu system.	

ABOUT THE KEYBOARDS

For generations, organ key tops were made from the best materials – ivory (for white keys) and ebony (for black keys). The keyboards use the latest technologies to reproduce the touch and feel of these materials.

- Surfaces incorporate stripes of moisture-absorbing material for improved touch and playability.
- Keys feature a subtle gloss and understated coloring, enhancing the look and elegance.
- White keys are finished with a slight yellowish tinge for the look of real ivory.

Handling...

- Do not write on the keyboard with any pen or other implement, and do not stamp or place any marking on the instrument. Ink will seep into the surface lines and become unremovable.
- Do not affix stickers on the keyboard. You may be unable to remove stickers that use strong adhesives, and the adhesive may cause discoloration.

Care and Maintenance...

Please note the following points. Failure to do so may result in scratches on the surface finish, damaged gloss, or other discoloration or deformation.

- Gently wipe dirt and grime with soft cloth; do not rub the surfaces forcefully.
- To remove more serious grime, use a commercial keyboard cleaner not containing abrasives.
- Do not use benzene, paint thinner, or alcohol on the keys.

Specifications

Keyboards	
Manual	3 x 61 keys
Pedal	32 keys (AGO standard radial concave)
Stops (Tablet)	
The American 342	42 stops / 128 total voices. 3 unique organ styles plus 2 orchestral voices.
Couplers	
Manual Couplers	Great to Pedal, Swell to Pedal, Choir to Pedal, Swell to Great, Choir to Great, Swell to Choir
Melody Coupler	1 (Piston)
Bass Coupler	1 (Piston)
Tremulants	
Great, Swell, Choir	Total 3
Pistons	
SET	1
General Pistons	10
Divisional Pistons	Great 1-5, Swell 1-3, Choir 1-5, Pedal 1-3
Toe Pistons	0
M+, M-	1 each (memory level)
0	1 (General cancel)
Organ Type	1
Effects	
Room Type	12 real reverb environments
Tuning Functions	
Key Transpose	-6 to +5 (semitone steps)
Temperament	11 types
Shoes	
Expression Shoes	2
Crescendo Shoe	1
Speakers*	
Subwoofer	1 x 25.5 cm, 8 Ohms
Fullrange driver	2 x 16.5 cm, 8 Ohms
External speakers*	4-8 Ohms

*External speakers are to be installed by qualified personnel only. For internal connection of external (optional) loudspeaker, consult with the retailer from whom the instrument was purchased, or contact Rodgers Instruments.

Connectors	Phones jack (Stereo) Output jacks (L/Mono, R) Input jacks (L/Mono, R) MIDI connectors (In, Out) D-Sub Connector Fixed AC cable with connector
Power Consumption	150W nominal power; 35W idle Mode
Supply Voltage Tolerance	90-132V or 180-264V
Operational Ambient Temperature Range	32-113° F (0-45° C).
Cabinet Finishes	Real Oak in Medium Oak finish
Console Dimensions	
Height without music rest	47-5/8" (120.97 cm)
Height with music rest	58.25" (147.93 cm)
Width	54.25" (138.8 cm)
Depth	25.625" (65.09 cm)
Depth with Pedalboard	43.625" (110.88 cm)
Weights	
Console	283 lbs (128.4 kg)
Bench	42 lbs (19 kg)
Pedalboard	61 lbs (27.6 kg)
Total Weight	386 lbs (175.08 kg)

In the interest of product improvement, the specifications and/or appearance of this unit are subject to change without prior notice.

Please note that the actual dimensions and weight may differ slightly from this specification due to the woodwork.

MIDI Implementation Chart

Functions		Transmitted	Recognized	Remarks
Basic Channel	Default Changes	See MIDI Specifications See MIDI Specifications	See MIDI Specifications Y ¹	See MIDI Specifications
Mode	Default Messages Altered	Mode 3 N	Mode 3 N N	
Note Number	True Voice	36-96		
Velocity	Note ON Note OFF	9nH v=1-127 9nH (v=64) 9nH (v=0)	9nH v=1-127 9nH v=1-127 9nH v=0, 8nH v= *	Velocity ON Velocity OFF * = irrelevant
After Touch	Keys Channels	N N		
Pitch Bend		N		
Control Change	7 11 100/101/6 100/101/6	Y Y Y Y		General Volume Expr. Pedals Pitch Transposer
Program Change	: True #	See MIDI Specifications	See MIDI Specifications	See MIDI Specifications
System Exclusive		See MIDI Specifications	See MIDI Specifications	See MIDI Specifications
Common	: Song Pos : Song Sel : Tune	N N N	N N N	
System Real Time	: Clock : Commands	N N	N N	
Aux	: Reset All Contr. : Local ON/OFF : All Notes OFF : Active Sense : Reset	N N Y N N		
Notes		¹ Depends of number of divisions		

Mode 1: OMNI ON, POLY

Mode 2: OMNI ON, MONO

Mode 3: OMNI OFF, POLY

Mode 4: OMNI OFF, MONO

Y = YES

N = NO

MIDI Specifications

This describes the specifications on the MIDI Implementation Chart in more detail.

Default basic channels (transmitted/recognized)

Channel 1: Choir

Channel 2: Great

Channel 3: Swell

Channel 4: Pedal

Channel 12: Stops

Control changes (transmitted)

Controller 7 (07h) General volume, with volume values 40 (28h) - 127 (7Fh)

Controller 11 (0Bh) Expression pedal, with volume values 55 (37h) - 127 (7Fh)

Controller 6 (06h) Pitch, with pitch values 28 (1Ch) - 99 (63h)

Pitch value 64 (40h) = A = 440Hz

The following applies to the pitch:

LSB 100 (64h) 1 (01h) and the MSB 101 (65h) 0 (00h)

Transposer, with transposer values 56 (38h) - 72 (48h)

Transposer value 64 (40h) = A = 440Hz

The following applies to the transposer:

LSB 100 (64h) 2 (02h) and the MSB 101 (65h) 0 (00h)

Control changes (recognized)

Controller 7 (07h) General volume, with volume values 0 (00h) - 127 (7Fh)

Volume values less than 40 (28h) are treated as 40 (28h)

Controller 11 (0Bh) Expression pedal, with volume values 0 (00h) - 127 (7Fh)

Volume values less than 50 (37h) are treated as 55 (37h)

Program changes (transmitted/recognized)

Organ stops: Depends on the number of stops and the sequence of stops

System exclusive messages (transmitted/recognized)

Each sys ex (system exclusive) message largely looks the same. The first 7 bytes and the last byte are always the same. Only the value of the 8th byte varies. This is the 'sys ex message' generally used: F0 00 4A 4F 48 41 53 XX F7 (hexadecimal). The 'sys ex messages' only indicate the value of the 8th byte (XX) and the output from which it is transmitted.

All stops off

The 'all stops off' sys ex code is 7F. This sys ex code is transmitted through the MIDI OUT output when the 0 piston is pressed for a longer time. When an 'all stops off' sys ex code is received, all stops on the instrument are switched off.

Other MIDI codes (transmitted)

Press the 0 piston to transmit the sys ex code 'all stops off' and all volume settings through the MIDI OUT output.



For EU Countries

This product complies with the requirements of EMCD 2014/30/EU and LVD 2014/35/EU.



For the USA

Supplier's Declaration of Conformity

(SDoC, according to: 47 CFR Section 2.906)

TRADE NAME: Rodgers Instruments US LLC
MODEL IDENTIFICATION OF PRODUCT: The American 342
APPLICABLE COMPLIANCE STATEMENTS: §15.19(a)(3)
RESPONSIBLE PARTY (IN USA) NAME: Rodgers Instruments US LLC
ADDRESS: 6497 NE Croeni Ave., Hillsboro, OR 97124
TELEPHONE: 503-648-4181
or INTERNET CONTACT INFORMATION: <http://www.rodgersinstruments.com>

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules as documented for identified product above. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause interference to radio or television reception, which can be determined by turning the equipment off and then on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment referenced in this declaration is identical to the unit tested and found acceptable with the standards. The technical records maintained by the responsible party continue to reflect the equipment being produced under this Declaration of Conformity within the variation that can be expected due to quantity production and testing on a statistical basis.

This equipment requires shielded interface cables in order to meet FCC class B limit. Any unauthorized changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

For Canada

NOTICE

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

AVIS

Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

For C.A. US (Proposition 65)

WARNING

This product contains chemicals known to cause cancer, birth defects and other reproductive harm, including lead.

有关产品中所含有害物质的说明

本资料就本公司产品中所含的特定有害物质及其安全性予以说明。

本资料适用于 2007 年 3 月 1 日以后本公司所制造的产品。

环保使用期限



此标志适用于在中国国内销售的电子信息产品，表示环保使用期限的年数。所谓环保使用期限是指在自制造日起的规定的期限内，产品中所含的有害物质不致引起环境污染，不会对人身、财产造成严重的不良影响。环保使用期限仅在遵照产品使用说明书，正确使用产品的条件下才有效。不当的使用，将会导致有害物质泄漏的危险。

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
外壳(壳体)	×	○	○	○	○	○
电子部件(印刷电路板等)	×	○	×	○	○	○
附件(电源线、交流适配器等)	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。
 ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。
 因根据现有的技术水平，还没有什么物质能够代替它。

For EU Countries



UK This symbol indicates that in EU countries, this product must be collected separately from household waste, as defined in each region. Products bearing this symbol must not be discarded together with household waste.

DE Dieses Symbol bedeutet, dass dieses Produkt in EU-Ländern getrennt vom Hausmüll gesammelt werden muss gemäß den regionalen Bestimmungen. Mit diesem Symbol gekennzeichnete Produkte dürfen nicht zusammen mit den Hausmüll entsorgt werden.

FR Ce symbole indique que dans les pays de l'Union européenne, ce produit doit être collecté séparément des ordures ménagères selon les directives en vigueur dans chacun de ces pays. Les produits portant ce symbole ne doivent pas être mis au rebut avec les ordures ménagères.

IT Questo simbolo indica che nei paesi della Comunità europea questo prodotto deve essere smaltito separatamente dai normali rifiuti domestici, secondo la legislazione in vigore in ciascun paese. I prodotti che riportano questo simbolo non devono essere smaltiti insieme ai rifiuti domestici. Ai sensi dell'art. 13 del D.Lgs. 25 luglio 2005 n. 151.

ES Este símbolo indica que en los países de la Unión Europea este producto debe recogerse aparte de los residuos domésticos, tal como está regulado en cada zona. Los productos con este símbolo no se deben depositar con los residuos domésticos.

PT Este símbolo indica que nos países da UE, a recolha deste produto deverá ser feita separadamente do lixo doméstico, de acordo com os regulamentos de cada região. Os produtos que apresentem este símbolo não deverão ser eliminados juntamente com o lixo doméstico.

NL Dit symbool geeft aan dat in landen van de EU dit product gescheiden van huishoudelijk afval moet worden aangeboden, zoals bepaald per gemeente of regio. Producten die van dit symbool zijn voorzien, mogen niet samen met huishoudelijk afval worden verwijderd.

DK Dette symbol angiver, at i EU-lande skal dette produkt opsamlles adskilt fra husholdningsaffald, som defineret i hver enkelt region. Produkter med dette symbol må ikke smides ud sammen med husholdningsaffald.

NO Dette symbolet indikerer at produktet må behandles som spesialavfall i EU-land, iht. til retningslinjer for den enkelte regionen, og ikke kastes sammen med vanlig husholdningsavfall. Produkter som er merket med dette symbolet, må ikke kastes sammen med vanlig husholdningsavfall. Apparatet må tilkoples jordat stikkontakt.

SE Symbolen anger att i EU-länder måste den här produkten kasseras separat från hushållsavfall, i enlighet med varje regions bestämmelser. Produkter med den här symbolen får inte kasseras tillsammans med hushållsavfall. Apparaten skall anslutas till jordat uttag.

FI Tämä merkintä ilmaisee, että tuote on EU-maissa kerättävä erillään kotitalousjätteistä kunkin alueen voimassa olevassa määräysten mukaisesti. Tällä merkinnällä varustettuja tuotteita ei saa hävittää kotitalousjätteiden mukana. Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan.

HU Ez a szimbólum azt jelenti, hogy az Európai Unióban ezt a terméket a háztartási hulladéktól elkülönítve, az adott régióban érvényes szabályozás szerint kell gyűjteni. Az ezzel a szimbóllumal ellátott termékeket nem szabad a háztartási hulladék közé dobni.

PL Symbol oznacza, że zgodnie z regulacjami w odpowiednim regionie, w krajach UE produktu nie należy wyrzucać z odpadami domowymi. Produktów opatrzonych tym symbolem nie można utylizować razem z odpadami domowymi.

CZ Tento symbol udává, že v zemích EU musí být tento výrobek sbírán odděleně od domácího odpadu, jak je určeno pro každý region. Výrobky nesoucí tento symbol se nesmí vyhazovat spolu s domácím odpadem.

SK Tento symbol vyjadruje, že v krajinách EÚ sa musí zber tohto produktu vykonávať oddelene od domového odpadu, podľa nariadení platných v konkrétnej krajine. Produkty s týmto symbolom sa nesmú vyhazovať spolu s domovým odpadom.

EE See sümbol näitab, et EL-i maades tuleb see toode olemprügist eraldi koguda, nii nagu on igas piirkonnas määratletud. Selle sümboliga märgitud tooteid ei tohi ära visata koos olmeprügiga.

LT Šis simbolis rodo, kad ES šalyse šis produktas turi būti surenkamas atskirai nuo buitinių atliekų, kaip nustatyta kiekviename regione. Šiuo simboliu paženklinėti produktai neturi būti išmetami kartu su buitinių atliekomis.

LV Šis simbols norāda, ka ES valstīs šo produktu jāievāc atsevišķi no mājsaimniecības atkritumiem, kā noteikts katrā reģionā. Produktus ar šo simbolu nedrīkst izmest kopā ar mājsaimniecības atkritumiem.

SI Ta simbol označuje, da je treba proizvod v državah EU zbirati ločeno od gospodinskih odpadkov, tako kot je določeno v vsaki regiji. Proizvoda tem znakom ni dovoljeno odlagati skupaj z gospodinskimi odpadki.

GR Το σύμβολο αυτό υποδηλώνει ότι στις χώρες της Ε.Ε. το συγκεκριμένο προϊόν πρέπει να συλλέγεται χωριστά από τα υπόλοιπα οικιακά απορρίμματα, σύμφωνα με όσα προβλέπονται σε κάθε περιοχή. Τα προϊόντα που φέρουν το συγκεκριμένο σύμβολο δεν πρέπει να απορρίπτονται μαζί με τα οικιακά απορρίμματα.

LIMITED WARRANTY Rodgers Instruments US LLC Musical Instrument

Parts Warranty

Rodgers Instruments US LLC warrants only to the original Purchaser of this product that all the parts contained in this product will be free from defects in materials and/or workmanship for a period of ten (10) years*. Any repaired or replaced parts in your product will be warranted for the unexpired portion of this parts warranty.

* Warranty activates one (1) year after Authorized Dealer purchase if product has not been sold. It is the dealer's responsibility to convey the time remaining on the warranty when it sells to the original Purchaser. It is the Authorized Dealer's responsibility to register this product online at www.rodgersinstruments.com/warranty to complete the warranty process for After-Sales support and warranty coverage. Without warranty registration, coverage is not guaranteed for any timeframe. In addition to warranty registration, original purchaser needs to have original proof of purchase for warranty coverage. All transportation and freight charges shall be paid by Purchaser. Rodgers Instruments US LLC is not responsible for any labor for this product.

Conditions, Limitations and Restrictions of this Warranty

The Warranty for this product does not apply to the following:

- A. Any product that was not purchased directly from an Authorized Rodgers Dealer;
- B. Any defects or damage that occurred as a result of abuse or misuse, neglect or abnormal service or handling;
- C. Any defects or damage that was caused by installation, repairs or service, including the use of improper parts, provided or attempted by anyone who is not authorized by Rodgers Instruments US LLC;
- D. Any defects or damage that may have been caused, either directly or indirectly, by the use of another product;
- E. Any defects or damage that occurred because the product has been altered or modified in any way;
- F. Any defects or damages which may have been caused by an Act of God, such as fire, flood, earthquake, lightning, rain, wind, hurricane, etc., which are beyond the control of Rodgers Instruments US LLC;
- G. Any defects or damages which may have occurred by ordinary wear and tear;
- H. Any and all accessories and other equipment.
- I. Any defects or damage that resulted from commercial use of the product.
- J. Peripheral parts (speakers, amplifiers, etc.) have a five (5) year warranty from purchase date.

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