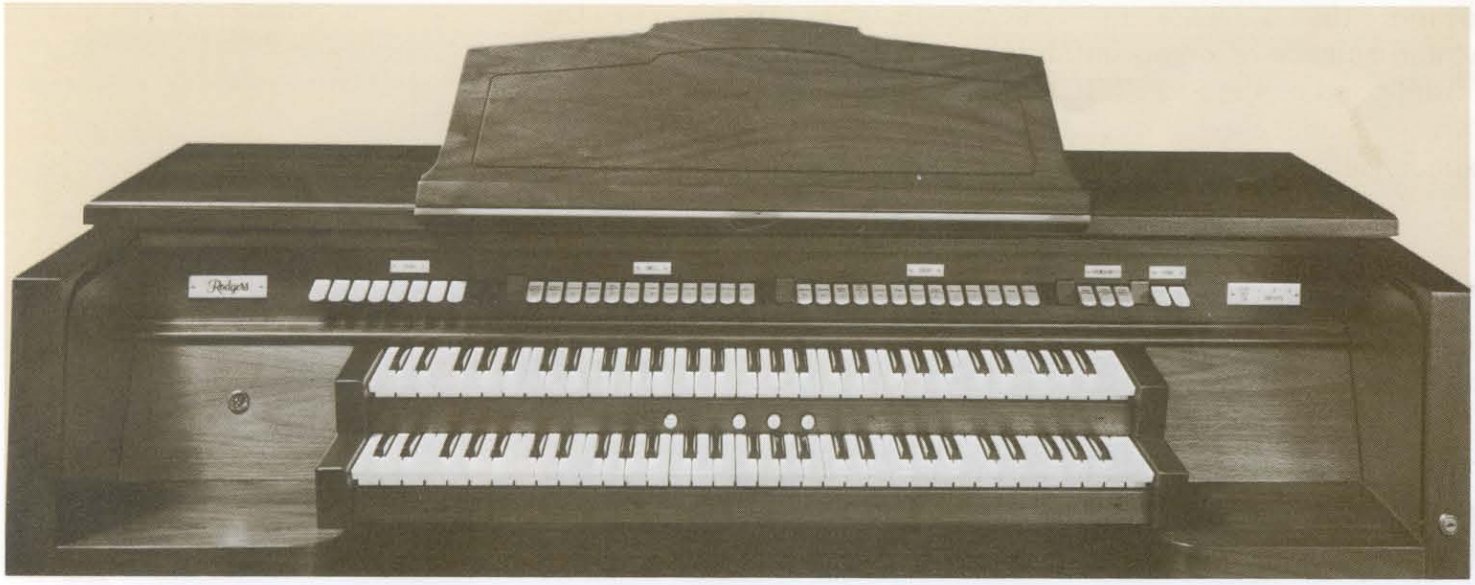
Rodgers

SPECIFICATION 110



SPECIFICATION 110

ALL RODGERS CHURCH ORGANS COMPLY WITH AMERICAN GUILD OF ORGANISTS STANDARDS.
ALL RODGERS INSTRUMENTS ARE GUARANTEED FOR FIVE YEARS

CONSOLE DIMENSIONS:

Height: 44-3/8"
Width: 60"
Depth: 29-3/4"
Minimum floor area for console, pedalboard and bench: 61" square

Great

8′ Diapason
8′ Bourdon
8′ Gemshorn
8′ Gemshorn Celeste II
4′ Octave
4′ Flute
2-2/3′ Nazard
2′ Super Octave
2′ Piccolo
Mixture II
Chiff (Optional)
Harp (Optional)
Carillon (Optional)
Swell to Great

Swell

16′ Lieblich Gedeckt
8′ Geigen Diapason
8′ Gedeckt
8′ Salicional
8′ Voix Celeste II
4′ Octave
4′ Flute
2-2/3′ Nazard
2′ Piccolo
1-3/5′ Tierce
8′ Trumpet
8′ Oboe
Strings/Reeds FF

Pedal

16′ Diapason
16′ Bourdon
16′ Lieblich Gedeckt
8′ Octave
8′ Flute
8′ Gemshorn
4′ Choralbass
16′ Fagotto
Great to Pedal
Swell to Pedal

Tremulants

Main Tremulant
Flute Tremulant Fast
Flute/Diapason Chorus

Echo

Echo On
Main Off

Other Standard Console Features

61-note beveled and overhanging keyboards
Heavy-duty 32-note concave and radiating AGO Pedalboard
Console illumination for Music Rack, Stop Rail and Pedals
Matching organ bench
Locking Roll-top
"Golden-Touch" single contact manual keys
Solid-state Couplers
Magnetic Pedal contacts
All tone generators contained in console

For more than a decade, the most significant contributions to the art and science of organ building have come from Rodgers. The introduction of the SPECIFICATION 110 marks the achievement of a new milestone. Never before have Rodgers' standards of excellence been offered in an instrument so moderately priced.

Great Organ

The highly-acclaimed Rodgers Diapasons provide a complete Foundation Chorus on the Great division, crowned with a II rank Mixture. A secondary Flute Chorus supplements the foundation tone. The optional percussion group, providing Flute Chiff, Harp and Carillon, may be added to this division.

Swell Organ

Foundation tone is represented by Diapasons at the 8′ and 4′ pitches. The Flute family is uniquely complete, with a pitch-range from 16′ to 1-3/5′. Solo Reeds and Chorus Reeds are fully independent and individually voiceable. The Solo Reeds, Strings, and Celestes add the necessary romantic voices to the Swell division.

Pedal Organ

The Pedal division provides Foundation tone with an independent 16′ Diapason plus Chorus Diapasons at 8′ and 4′. Two independent 16′ Flutes are supplemented by a light 8′ Flute. An independent 16′ Fagotto rounds out the Chorus Reeds. All voices in both manual divisions may be coupled to the Pedal, per AGO specifications.

Celestes

A tonally independent Celeste is provided on each manual division. The Diapason/String hybrid tone of the Great Gemshorn Celeste offers a warm fabric of tone against which the Solo Voices of the Swell may be set. The ethereal Voix Celeste in the Swell enhances the romantic qualities of that division.

Versatility

To accommodate the acoustical contours of any particular installation, the Rodgers Specification 110 provides on-the-spot voicing and adjusting capabilities which are unique in the organ industry. In addition to level controls on each of the 5 output channels, provision has been made for individual stop level adjustment for each stop of the Diapason Chorus and for each of the straight voices of the Swell and Pedal. The Main Tremulant is adjustable for both speed and depth.

Rodgers Double-Touch Preset Action, standard on the Specification 110, puts an entire spectrum of tonal combinations at the instant call of the organist. This advanced feature allows instant cancel, interchange, or building of predetermined voice combinations, providing the musical versatility called for in traditional organ literature.

Couplers

Swell to Great — Swell to Pedal — Great to Pedal.
A basic coupler complement, standard of the Specification 110, provides for the full utilization of all divisions.

Natural Activity

In the Specification 110, allowance is made for the individual pitch sources to interact. The result, a very slight variance about the pitch center, simulates the sound of the pipe organ (as each pipe reacts slightly to its unsteady wind supply). Each note of the Specification 110 has its own way of reacting to this phenomenon, thus giving the ensemble an added tonal dimension previously unattainable in this price range.

Five Speaking Channels

The Specification 110 provides for up to five speaking channels (500 watts of RMS power). A typical installation includes three Rodgers Wide-Range tone cabinets (combining extended-range cone-type speakers with special JBL high-frequency tweeters), a Rodgers pedal cabinet and an Echo (Leslie) cabinet. Each tone cabinet is equipped with a completely transistorized high-performance Rodgers amplifier.

Self Contained Speakers (optional)

Where space is at a premium, the Specification 110 is available with a complete speaker system, including a Leslie, contained within the organ console. The console is provided with five output channels for the addition of external speakers.

Rodgers Practice Panel (optional)

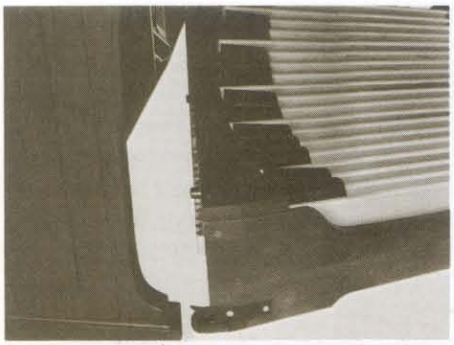
Includes:
Adjustable Reverberation — to expand the acoustics of any room

Newly perfected *Headphones* — for practice without distraction to others

Rodgers Instant Tape Replay — for immediate self-appraisal

Solid State Console

The Rodgers solid-state console is a revolutionary advancement in organ design. All moving parts between the keys and the tone sources have been eliminated, making the old noisy and unreliable mechanical systems a thing of the past. The only part that moves is the one you touch. All internal console circuitry is completely solid-state, utilizing silicon transistors and diodes to do the work formerly requiring literally thousands of individual contacts. Key contacts and stop control contacts are gold-on-gold. Rodgers' magnetic pedalboard is another miracle of dependability. Magnetic pedal contacts and the innovative reed-proximity switch completely eliminate use of wires and cables.



Rodgers' exclusive Magnetic Pedal Contacts make the old-style network of wires and cables obsolete.

When the Rodgers Organ Company was founded in 1958, it was a mere infant in the midst of several well established electronic organ manufacturers. In the relatively few years since then, Rodgers has grown to be one of the largest (if not the largest) builders of electronic organs in its price range.

The explanation of this rather exceptional growth can be simply stated: better values, in the form of consistently high quality products.

Personal interest — careful concern for detail — pride of craftsmanship. These are the ingredients of quality . . . intangibles made evident in each organ produced at Rodgers.

From the handsome hand-rubbed consoles to the tiniest electronic assemblies, the Rodgers organ reflects a detailed quality found only in the world's finest musical instruments.

Throughout the United States and in Canada, Rodgers is represented by a hand-picked group of men and women thoroughly experienced in church organ installations. Their own knowledge and experience is augmented via a continuing Rodgers training program covering a variety of subjects from voicing and balancing, through the philosophy of organ design.

For more than a decade — the most significant contributions to the art and science of organ building have come from Rodgers.

RODGERS ORGAN COMPANY, HILLSBORO, OREGON

Litho in U.S.A.

Rodgers
SPECIFICATION 110