

R O D G E R S



940



RODGERS[®]
INSTRUMENT CORPORATION
The sound choice!

The RODGERS 940 is a comprehensive 3 manual organ of 50 speaking stops and 14 couplers. Leading edge MIDI capabilities equip the musician with tools for performance of traditional music as well as contemporary selections.

PDI technology is used to go beyond the artificial sameness of digital sampling to create the precise realism of a true pipe organ. The authentic voices can be individually tuned, leveled and voiced on an effective note-by-note basis, just as if they were actual pipe ranks. Wind-blown ranks may also be added.

The lighted drawknob console is constructed of walnut or oak hardwood and veneers and is designed to AGO specifications.



CONSOLE SPECIFICATION:

Manuals: 61 notes x 3. Pedalboard: 32 notes, concave and radiating. 32-note straight pedalboard optional. Lighted music rack. Locking rolltop.

SOUND SOURCE:

Rodgers Digital Voice Modules utilizing Parallel Digital Imaging (PDI) Technology in a multiple-microprocessor parallel computing system. Waveform storage is 16-bit linear; digital to analog conversion is by multiple 21-bit converters. Rodgers Digital Dynamic Wind provides independent computer modeling of a pipe organ wind system for each organ division.

COMBINATION MEMORIES:

10 General pistons (thumb and toe); 5 each Great, Swell and Choir pistons (thumb); 5 Pedal pistons (toe); Set and General Cancel. 4 internal memory levels per piston. Additional groups of 4 memory levels provided by Rodgers Personal Memory Card. Combination memories may also be stored on an external MIDI sequencer.

REVERSIBLES:

• Draw and toe pistons: Great to Pedal, Swell to Pedal, Choir to Pedal, Tutti, Zimbelstern. • Draw pistons: Swell

Distinctive Rodgers Features:

MIDI Implementation: Full MIDI keyboard controller capability, compatible with General MIDI. MIDI system is designed to support a wide variety of musical styles and MIDI devices, including multitrack performance recording and playback functions.

Personal Memory Card: Stores multiple groups of combination memories, tuttis, crescendo sequences, and other settings on a small removable memory card. This provides additional storage capacity for combinations, as well as total security for each organist.

Rodgers Digital Dynamic Wind: The Adjustable Wind Stabilizer digitally creates the effect of a pipe organ wind system.

Random Detuning: Digitally produces random detuning of each note of each voice, just as pipes are affected by differences in environmental conditions.

Selectable Temperaments: Equal, Mean-Tone, Kirnberger, Pythagorean, Werckmeister I & III, Young I & II.

Console Adjustable Tremulants: Adjusts depth and speed of stop groups in each division.

Festival Trumpet: 2 independent selectable voices: Solo *fff* non-coupling, or *ff* coupling for chorus use.

Reversibles cont'd.

to Great, Choir/Great Transfer, Orchestral Crescendos, Flute Vibrato, Melody from Swell, Melody from Choir, Bass, Choir Pipes Off, Choir Ancillary On, Great/Pedal Pipes Off, Great/Pedal Ancillary On, MIDI on Great, MIDI on Swell, MIDI on Pedal, MIDI on Choir. • Toe piston: Contre Bourdon 32'.

CONSOLE FEATURES:

Choir/Great/Pedal Expression, Swell Expression, Adjustable Crescendo with 2 sequences and Indicator, Adjustable Tutti, Choir to Swell Expression, Great/Pedal Unenclosed, Antiphonal On, Main Off, Tuning Control, Transposer (±4 semitones), Temperament Selector (8 temperaments), Wind Stabilizer, Digital Acoustic Enhancement System, Headphone Jack, MIDI In/Out/Thru, Sequencer In/Out, Console Menu Display.

AUDIO:

8 audio channels minimum, 400 watts RMS into 8 ohms or 640 watts RMS into 4 ohms. Minimum speaker complement is 6 Rodgers FR 1.7 three-way speakers and 2 Rodgers SW 7.5 floor-loaded tuned port sub-woofers.

DIMENSIONS AND WEIGHTS:

50" (127 cm) height x 65-3/4" (167 cm) width x 35" (90 cm) deep without pedalboard. 53-1/4" (135 cm) deep with AGO pedalboard. Console weight 570 lbs (259 kg); Pedalboard: 110 lb (50 kg); Bench: 60 lbs (22 kg).

VOICE SPECIFICATION:

Great Organ:

Principal 8'
Rohrflöte 8'
Gemshorn 8'
Octave 4'
Spitzflöte 4'
Saper Octave 2'
Waldflöte 2'
Fourniture IV
Trompette 8'
Chimes
Tremulant

Swell Organ:

Lieblich Bourdon 16'
Viola Pomposa 8'
Viola Celeste II 8'
Bourdon 8'
Flute Celeste II 8'
Prestant 4'
Flauto Traverso 4'
Nazard 2-2/3'
Blockflöte 2'
Tierce 1-3/5'
Plein Jeu IV
Contre Basson 16'
Trompette 8'
Hautbois 8'
Clairon 4'
Tremulant
Swell 16'
Swell Unison off
Swell 4'

Choir Organ:

Spitz Geigen 8'
Gedackt Pommer 8'
Erzähler Celeste II 8'
Principal 4'
Copula 4'
Oktave 2'

OPTIONS:

Solid wood keyboards, custom console finish, additional speakers and amplification, Rodgers MIDI sequencers, Rodgers MIDI sound modules, Rodgers sound module drawer.

Specification subject to change without notice or obligation.

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Choir Organ cont'd.
Quintflöte 1-1/3'
Zimbel IV
Festival Trumpet 8'
Cromorne 8'
Harp
Celesta
Tremulant

Pedal Organ:

Contre Bourdon 32'
Principal 16'
Violone 16'
Subbass 16'
Lieblich Bourdon 16'
[exp. w/iso]
Octave 8'
Gedackt 8'
Choralbass 4'
Nachthorn 4'
Mixture IV
Bombarde 16'
Trompette 8'
Rohr Schalmel 4'

Couplers: (all tabs)

Great to Pedal 8'
Swell to Pedal 8'
Swell to Pedal 4'
Choir to Pedal 8'
Swell to Great 16'
Swell to Great 8'
Swell to Great 4'
Choir to Great 8'
Swell to Choir 16'
Swell to Choir 8'
Swell to Choir 4'



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