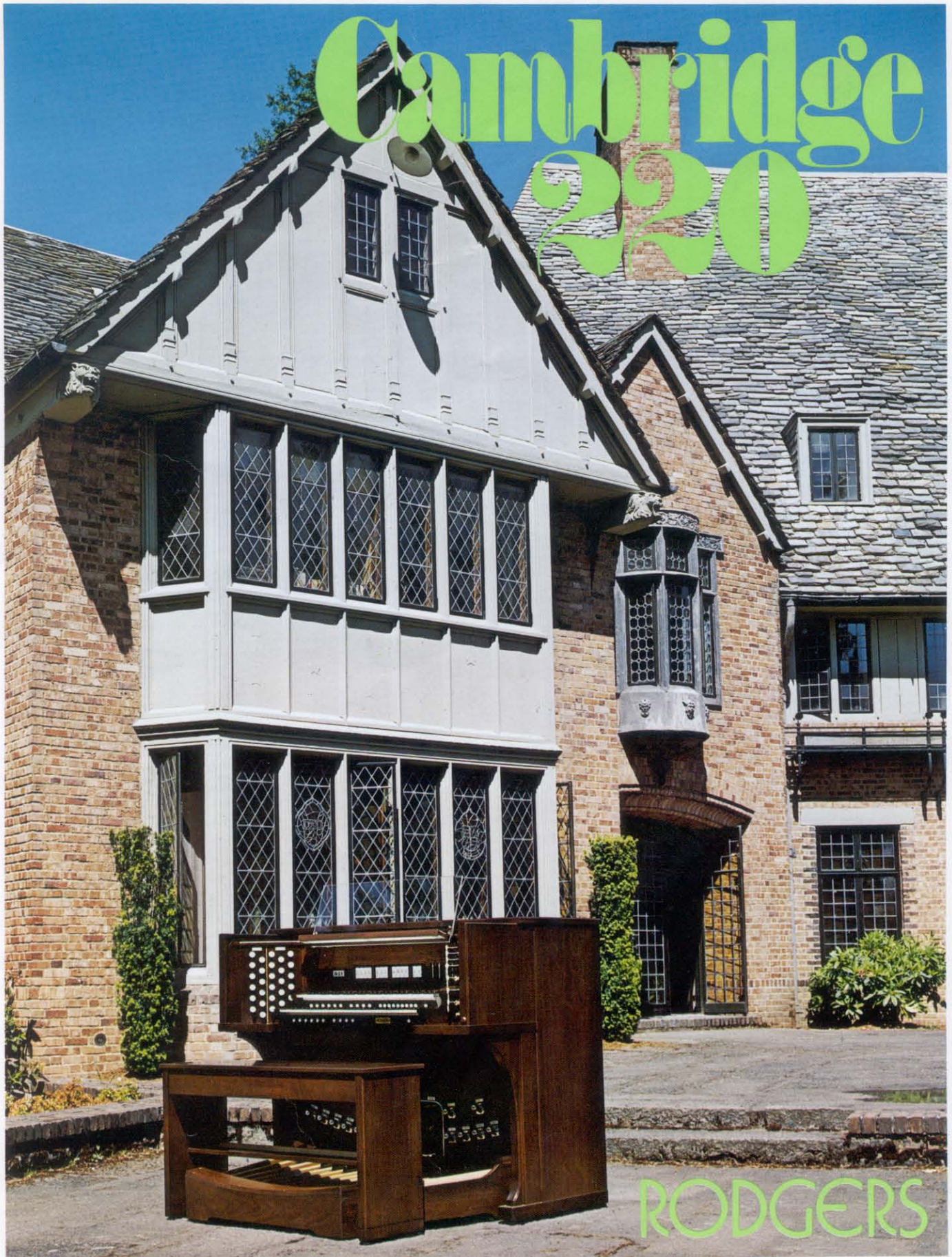


# Cambridge 220



RODGERS

PHOTOGRAPHED AT LEWIS AND CLARK COLLEGE • PORTLAND, OREGON

# Cambridge 220 SPECIFICATIONS

## GREAT ORGAN

A complete Foundation Chorus crowned with a three-rank mixture; a Flute Chorus beginning at 16' pitch, including a mutation; a String and two-rank Flute Celeste to accompany Swell solo voices; a color Reed; Harp and Carillon for percussive and special effects; complete Swell to Great couplers; a super coupler for maximum brilliance.

16'	Flûte Conique	1 1/3'	Larigot
8'	Principal		Fourniture III
8'	Bourdon	8'	Krummhorn
8'	Gambe		Harp
8'	Flute Celeste II		Carillon
4'	Octave		Great to Great 4'
4'	Spillflöte		Swell to Great 16'
2'	Fifteenth		Swell to Great 8'
2'	Blockflöte		Swell to Great 4'

## SWELL ORGAN

A secondary Foundation Chorus brightened by its own three-rank mixture; a secondary Flute Chorus ranging from 8' to 1', with two mutations (used together, they form a Sesquialtera); a warm, broad String and String Celeste; a complete, rich and fiery Reed Chorus; independently adjustable Swell Tremulant; complete intramanual couplers for brilliance and versatility.

8'	Viola Pomposa		Plein Jeu III
8'	Viola Celeste	16'	Contre Trompette
8'	Hohflöte	8'	Trompette
4'	Octave	4'	Claïron
4'	Flûte Harmonique		Tremulant
2 3/4'	Nazard		Flute Chiff
2'	Piccolo		Swell to Swell 16'
1 3/4'	Tierce		Swell Unison Off
1'	Fife		Swell to Swell 4'

## PEDAL ORGAN

An independent 32' stop for proper grandeur in a complete two-manual organ; four independent 16' Flue stops of varying tone qualities and volume levels; appropriate upperwork completed by a three-rank mixture; an independent Reed at 16' pitch; complete Manual to Pedal couplers.

32'	Contra Violone		Mixture III
16'	Principal	16'	Bombarde
16'	Bourdon	8'	Trompette (SW)
16'	Violone	4'	Claïron (SW)
16'	Lieblich Gedeckt		Great to Pedal 8'
8'	Octave		Great to Pedal 4'
8'	Flute		Swell to Pedal 8'
4'	Choralbass		Swell to Pedal 4'

## TREMULANTS

Main Tremulant  
Diapason/Flute Chorus (Leslie)  
Flute Tremulant Full (Leslie)

## ECHO

Main Off  
Echo On

## COMBINATION ACTION

**PRESET ACTION**—Six preset pistons arranged in ascending order of dynamic level (available on stop tablet consoles only).

**SETTERBOARD ACTION**—Four adjustable pistons for each division; four collective general pistons; adjustment of pistons by switches in a drawer beneath the Great Manual.

**COMPUTER CAPTURE ACTION**—Four adjustable pistons for each division; six independently adjustable general pistons; adjustment of pistons by a Set Button under the Great Manual.

## EXTERNAL SPEAKER SYSTEMS

The Cambridge 220 has six outputs for connecting speaker cabinets. Five outputs are for connecting Rodgers speaker cabinets, each of which contains 100 watts of amplification. The channels are: Great Diapason, Great Flute, Swell Flues, Swell Reeds and Celeste, and Pedal. The sixth output accommodates a Rodgers L2-100 Leslie, or a Leslie 147 used with an adaptor. An Echo adaptor is available for connecting Echo speakers. Each Rodgers speaker cabinet has controls to adjust the speakers to the acoustics of the room.

## STANDARD FEATURES

- Two 61-note keyboards, with gold-on-gold single contact diode keying
- 32-note concave and radiating pedalboard, with magnetic reed-switch keying
- "Time-Sharing" circuitry for greater versatility and dependability
- Transposer with pistons and indicator lights; choice of nine pitch positions: normal, four semi-tones up, and four semi-tones down; transposer automatically returns to normal pitch when the organ is turned off
- Individual leveling control on each speaking stop (including Harp and Carillon)
- Adjustable voicing formants on all Reed stops for contoured scaling and tonal flexibility
- Adjustable Swell Flute Chiff for natural classic speech characteristics and greater clarity in contrapuntal music
- Natural decay characteristics on Harp and Carillon (rate of decay is adjustable)
- Natural harmonic activity
- Natural air sound on Flue stops, adjustable by division; Flutes and Diapasons adjust separately in each division
- Air sound ON/OFF switch under the Great Manual
- Tremulants adjustable for speed and depth (Swell Tremulant separately adjustable)
- Two expression pedals, correctly divided by division: Swell expression; Great and Pedal expression
- Two illuminated expression position indicators
- Crescendo pedal, with illuminated position indicator
- ON/OFF switch with indicator light
- Engraved stop controls, couplers and indicators
- Tutti piston and toe stud, with indicator light
- Handcrafted console available in a variety of woods and finishes, with matching bench and locking roll-top
- Lighted plexiglas music rack folds down and stores under roll-top
- Digital clock
- All components are solid-state, and contained within the console
- Five-year written guarantee

ALL RODGERS CLASSIC ORGANS COMPLY WITH AMERICAN GUILD OF ORGANISTS STANDARDS AND HAVE DISCRETE COMPONENT VOICING AND SCALING CAPACITY

## OPTIONAL FEATURES

- The Cambridge 220 is available in three console styles: stop tablets on a straight stop rail; traditional drawknobs; Rodgers lighted drawknobs and couplers (Computer Capture Action only—shown overleaf)
- The console bench is available in two styles: a conventional, straight-sided bench containing storage space for music (shown overleaf); a professional "dog-leg" bench for minimal obstruction of pedalboard sight lines
- Tracker-touch manual keyboards
- Practice panel with adjustable reverberation, headphone output, and tape recorder inputs and outputs

## DIMENSIONS

Height (music rack folded down): 130 cm (50 1/4")  
Width: 155 cm (61 1/8")  
Depth without pedalboard: 92 cm (36 1/8")  
Depth with pedalboard: 138 cm (53 1/4")  
Console Weight: 835 pounds

**RODGERS**  
ORGAN COMPANY

HILLSBORO, OREGON 97123



**RODGERS**  
CAMBRIDGE 220