

MASTER DESIGN SERIES™ ALLEN DIGITAL COMPUTER ORGAN MDS-45

EXCLUSIVE ALLEN FEATURES:

- Allen Digital Computer Tone Generation — pipe organ sounds without pipes — produced by the largest builder of church organs in the world with over 50 years of experience building church organs and over 20 years building digital church organs
- MDS Orchestral & Percussion Sounds — for expanded musical flexibility; twelve voices available
- Total MIDI — for complete record/playback capability via a MIDI sequencer; can record/playback entire scores including keying, stop movement, and expression controls
- Console Controller™ with LCD Display for the ultimate in musician's interface with console. Controls include:
 - Console clock and indication of last piston depressed
 - Complete MIDI Controls — includes control of MIDI channel assignment; MIDI expression on a per-pedal basis; MIDI expression can be on volume or velocity basis; MIDI presets enable console pistons to control presets of external keyboards
 - Secondary Crescendo and Tuttiis can be set by user
 - All general and divisional pistons can be reconfigured by user to any divisional or general status as desired
- User's capture combinations can be saved to floppy disk via any MIDI sequencer
- "Return to Factory Settings" available for all major functions
- Music Memory™ — a pre-recorded internal demonstration of the organ's tonal capabilities
- Performance Recorder™ — a built-in sequencer enabling full record and playback of the organ and external MIDI devices
- Alterable Voice Stops with Card Reader increase organ's versatility via the addition of various organ and percussion sounds
- Allen on-site custom voicing and finishing — allows custom tailoring of organ to individual musical tastes and acoustical environments
- Romantic Tuning — a second set of tunings included, stop controlled. Custom tunings available
- Allen ADR-4 Digital Reverbation — to enhance tonal results in various acoustical environments
- Plug-in Circuitry Protected by a "Cage" — as found in the highest quality electronic equipment
- Allen Extended 5+5 (10 Year) Limited Warranty

IMPORTANT ADDITIONAL FEATURES:

- AGO Console (walnut finish), Two 61-note Manuals, and 32-note Concave Radiating Pedalboard. Optional Custom Finishes
- 41 speaking stops, with no unification or duplexing; 12 different orchestral/percussion voices also available
- Stoptab console with traditional moving stoptab capture action for ease of playing. Drawknob Console is optional
- Quad Memory Capture Combination Action with 120 combinations
- "R" Recall Piston — returns to user's last combination
- "G1" & "G2" Pistons — divisional pistons for generals
- Reversible couplers with pistons
- All mixture and mutation stops correctly tuned
- Multi-rank ensemble sound
- Independent attack dimensions for each voice
- Genuine Celeste Voices
- Note-by-note Drift-free Tuning — no periodic tunings required
- Full complement of unison couplers
- 12-Key Transposer
- Separate Tremulant for each manual
- 2 Sets of Tuttiis (total of 4) and 2 Crescendos for "Full Organ" flexibility
- Microprocessor-controlled, self-diagnostic test
- Expression and Crescendo Pedals include indicator lights
- Illuminated Transparent Music Rack
- Locking Roll Top
- Antiphonal Controls (Optional)
- 4-Channel Audio System with 400 Watts RMS

SPEAKER SYSTEM:

- 4 Hi-Fi Speaker Cabinets (minimum); custom speaker installations and antiphonal divisions (optional)

CONSOLE DIMENSIONS:

Width: 66", 167.6 cm; Height: 51-3/4", 131.4 cm
Depth: 35-3/4", 90.8 cm (with pedalboard
and bench: 59", 149.9 cm)

Specifications and stop lists subject to change without notice or obligation.

GREAT		2nd Voices		PEDAL	
	Perc.				
Gemshorn	16	Chimes	32	Contre Bourdon	16
Prinzipal	8	Celesta	16	Diapason	16
Rohrflöte	8	Chrysologlot	16	Bourdon	16
Flüte Celeste II	8			Lieblighgedackt	16
Octav	4			Octave	8
Spitzflöte	4			Gedackflöte	8
Quinte	2-2/3	Harp	4	Chorabass	4
Superoctav	2			Flüte Ouverte	4
Waldflöte	2	Handbells	16	Mixtur IV	16
Mixtur IV	8	Harpsichord 4	8	Posanne	8
Trompete	8	Harpsichord 8	4	Trompete	8
Krummhorn	8			Schalmel	4
2nd Voices On					
Tremulant					

GENERALS

- Bass Coupler
- Melody Coupler
- Romantic Tuning Off
- Reverb
- Antiphonal Controls (Optional)

2nd Voices

- Bass Coupler
- Melody Coupler
- Romantic Tuning Off
- Reverb
- Antiphonal Controls (Optional)

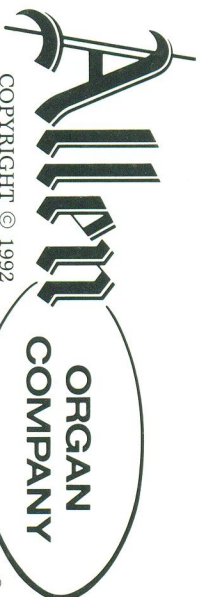
COUPLERS

- Great to Pedal
- Swell to Pedal
- Alterable to Pedal
- MIDI to Pedal
- Swell to Great
- Alterable to Great
- MIDI to Great
- Alterable to Swell
- MIDI to Swell

EXPRESSION

- One — Great-Pedal
- One — Swell
- One — Crescendo

SWELL		2nd Voices	
Gemshorn	8		
Flüte Bouchée	8		
Salicional	8		
Voix Celeste	8		
Principal Conique	4		
Flüte à Fuseau	4	Orch. Flüte	
Nasard	2-2/3	Brass II	
Flüte à Bec	2		
Tierce	1-3/5	Clarinet	
Sifflet	1		
Fourtiture IV			
Basson	16	Brass I	
Trompette	8		
Hautbois	8	Orch. Oboe	
Clairon	4		
Alterable 1			
Alterable 2			
Alterable F			
Alterable Percussion			
Orchestral Voices On			
Tremulant			



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