

# LOWREY

proudly presents the  
MX-1





## FANTASY BECOMES REALITY...

A dramatic milestone in the organ industry, the MX-1 almost defies description. It represents a perfect marriage between the latest state of the art in micro-processor/computer technology with the exacting electronic science of organ and orchestral voicing. Never before has the organ aficionado, whether amateur or professional, had such an impressive array of realistic musical voices and features to choose from. It must be heard to be believed.

Brasses, Reeds, Strings, Flutes and Percussions are all there waiting to be called upon to lend orchestral authenticity to the music of your choice. Automatic rhythms and accompaniments provide a wealth of musical backgrounds from Rock to Bach. As an added touch, we've even included the famous Lowrey Magic Genie® which permits the inspired beginner to sound like a seasoned performer.

At the heart of the MX-1 lies the newest Lowrey innovation, Orchestration Plus™. A feature never before found on any organ at any price. Orchestration Plus provides the player with instrumental, orchestrated automatic accompaniments so amazingly realistic they must be heard to be believed. Whether you are playing the instrument or just listening, it's an incomparable musical experience. Only a live demonstration can effectively communicate the musical magic made possible by this incredible "electronic orchestra." Let your Lowrey dealer help you turn your musical fantasy into reality with the MX-1.





### Orchestration Plus™

The most advanced, innovative, imaginative, truly incredible musical feature ever to be introduced in an electronic organ; and only Lowrey has it. Simply stated, Orchestration Plus™ offers a choice of twelve preprogrammed, fully orchestrated accompaniment backgrounds, against which a melody may be played in any one of an equally realistic, almost unlimited variety of upper keyboard registrations.

A Variation control introduces subtle changes in each accompaniment pattern, thereby providing a choice of patterns for each of the twelve accompaniments. For example, when Big Band is selected, the syncopated accompaniment is automatically programmed to play trumpets, trombones and a string bass. In the Variation mode the instrumentation is changed to saxophones and string bass. By activating Bass Only, the instrumentation is silenced—leaving only the string bass playing its rhythmic pattern.

The Big Band background is ideally suited to literally hundreds and hundreds of favorite tunes, both old and new.

Jazz Guitar, as the name implies, gives voice to an electric guitar and a string bass.

Rhythm Guitar plays a solid, four-beat background featuring an acoustic guitar and a string bass.

And when you hear the Polka, you won't believe your ears. A husky tuba plays the bass line, while accordions, clarinets, trumpets and trombones provide the rollicking, rhythmic, chordal accompaniment. Polka also serves very well as a march accompaniment.

The Bluegrass style almost defies description. Its happy sound could not be duplicated by one person on an organ, even if the individual voices were available. There are banjos, country rhythm guitars, country fiddles and a string bass. We've even programmed the country fiddle "slide." (The purists call it a Portamento.) It's so real and so musically interesting it almost doesn't need a melody line.

The young-at-heart will marvel at the driving Disco beat set

up by a bass guitar along with trumpets, trombones and more. Even old "standards" take on new life with this modern music style.

There are Latin, Country, Rock, Contempo and Waltz—all of which are orchestrated with appropriate instrumentation. A unique Baroque accompaniment features harpsichords and a bass guitar playing 18th century-type figurations. Makes the amateur organist sound like a reincarnated Bach.

Orchestration Plus tempo is determined by the Digital Rhythm Speed setting. It also has its own volume control

for musically balancing the accompaniment with upper keyboard registrations.

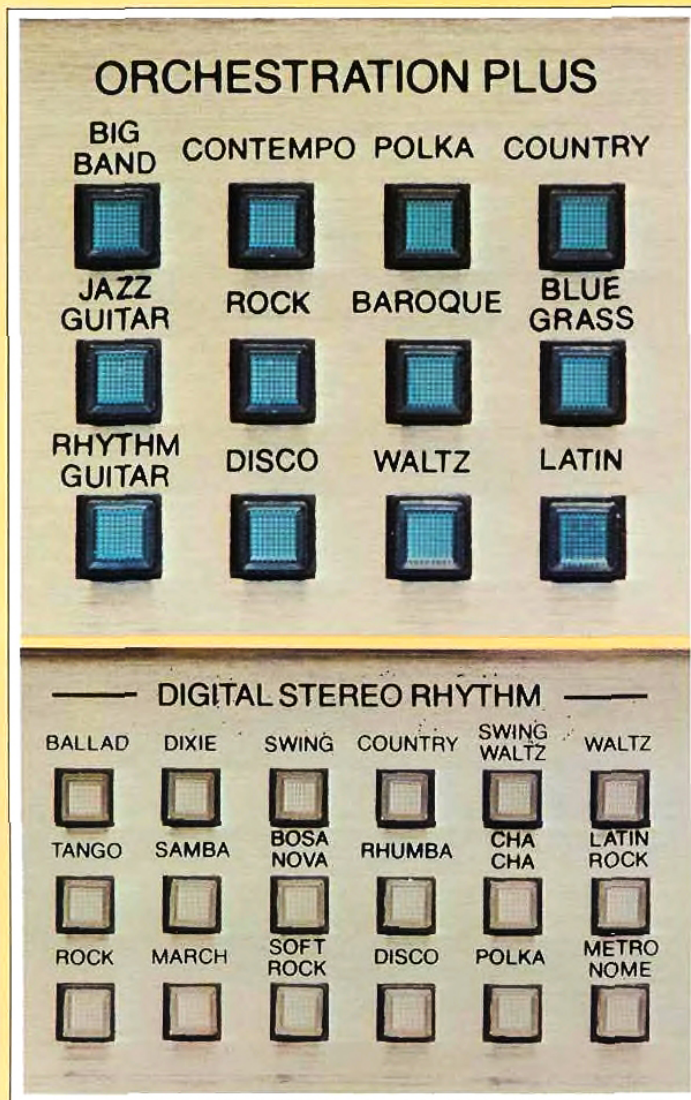
Orchestration Plus, as well as all other lower keyboard voices, may be played using our Magic Genie Chords or conventional chords. This is the Lowrey Magic that lets the amateur home organist sound like a seasoned performer—and the professional sound fantastic.

### Digital Stereo Rhythm

Eighteen carefully selected rhythm patterns are instantly available to provide a rhythmic, syncopated background for the widest possible variety of music and playing styles. Each pattern is programmed to automatically call upon those percussive instruments associated with the particular rhythm style. Turn on Swing or Dixie and hear the crisp swish of brushes over a cymbal along with just the right touch of a bass and snare drum. Switch to Cha Cha, Bosa Nova, Rhumba or Samba and hear the familiar sound of claves, bongos and blocks. Waltzes, Country, Rock, Polka, Disco—they're all there to accompany your every musical mood. There are even controls for intros, breaks and automatic start

and stop. As an extra touch we've included a Crash Cymbal which may be sounded manually at your discretion.

Rhythm volume and balance may be adjusted to perfectly blend with the organ and orchestral registration being used. An illuminated digital display indicates the precise number of beats per minute being played. This, of course, permits exacting tempo selection.





### Orchestral Symphonizer™

Twelve unbelievably realistic orchestral voices are available at the touch of a button. The buttons, when engaged, light up for quick visual identification of your selected registration. There are the brilliant sounds of Trumpet, Brass Ensemble, French Horn and Post Horn. Krumet Horn and Oboe provide haunting reedy sounds. A full bodied Grand Piano, Clavecin and Harpsichord contribute percussive keyboard sounds while Banjo, Mandolin and Electric Guitar produce authentic plucked string effects.

All Orchestral Symphonizer voices are polyphonic which simply means multiple notes may be played simultaneously. A continuously variable tuning control permits voices to be made slightly sharp or flat for increased orchestral authenticity. An independent volume control plus controls for tremolo depth and speed make the Orchestral Symphonizer a musical entity unto itself. For added flexibility these voices may be coupled to the lower keyboard.

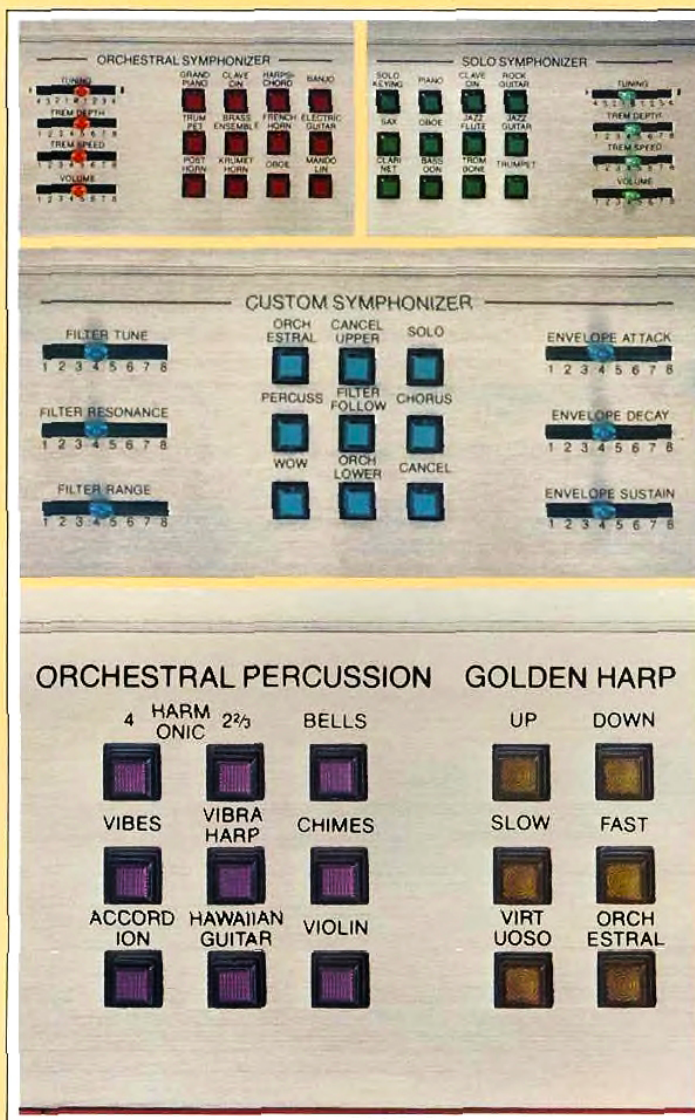
### Solo Symphonizer™

As the name implies, this section provides eleven brilliantly authentic solo voices to expand your musical horizons. In that these voices are monophonic they may be played as solo tones by themselves or superimposed over fully chorded melodies on the same keyboard, thus creating the effect of a third keyboard.

The Piano, Clavecin, Trumpet and Oboe are duplicated from the Orchestral Symphonizer to afford them the musical advantage of the monophonic playing feature. A Rock Guitar and Jazz Guitar offer exciting contemporary sounds to complement the Orchestration Plus Disco, Rock and Jazz Guitar modes. The very latest up tempo tunes take on an ultra modern flavor with the unique Jazz Flute. The reed section is rounded out by the presence of Sax, Clarinet and Bassoon. For added depth in the brass division, we've included the familiar Trombone which takes on even more realism when the famous Lowrey Glide is used. Separate tuning, volume and tremolo controls assure the complete musical integration of the Solo Symphonizer into the total registration spectrum of the MX-1.

### Custom Symphonizer

Unlike the preset voices of the Orchestral and Solo Symphonizers, the Custom Symphonizer lets you literally synthesize your own voices as either polyphonic (orchestral) or monophonic (solo) sounds. Various controls such as Filter Tune, Resonance and Range permit altering the basic tone, while Envelope Attack, Decay and Sustain offer further control, as implied by the named function. A Percussion push button contributes still more variety. The end result is a range of sounds from beautiful brass and reed-like tones to Wow and percussive special effects. The Custom Symphonizer's only limitation is the imagination of the player.



### Orchestral Percussion

In addition to six true-to-life percussive voices, this section includes a pre-set Accordion, Hawaiian Guitar and Violin. The percussion voices are Harmonic 4', Harmonic 2 2/3', Bells, Vibes, Vibra Harp and Chimes. These voices may be played as solos or added to other upper keyboard voices, permitting realistic orchestral registrations.

Accordion, Hawaiian Guitar, Violin, Vibes, Vibra Harp and Harmonic 4' may be played as one-finger full chords through the use of "AOC Organ" or "AOC Open Harmony" — another big advantage for the amateur organist.

Want a beautiful arpeggio background featuring Bells, Vibes or Vibra Harp? Simply select the voice of your choice and turn on the Golden Harp... or perhaps a tinkling, reiterating sound would add just the right touch to an arrangement. Use Bells, or either of the two Harmonic voices, and add "Repeat." There's even a "Marimba Repeat" which alternately repeats notes when two or more are held. Further flexibility is made possible by a continuously variable volume control.

### Golden Harp™

The Golden Harp lets you play crisp arpeggios in several variations; up three octaves, down three octaves, or up and down together. Golden Harp arpeggios may be played with all upper keyboard tab voices, Orchestral Symphonizer voices, and Symphonic Strings™. Bells, Vibes, Vibra Harp and Hawaiian Guitar also operate with the Golden Harp. Simply select the upper keyboard voice of your choice, play a left hand chord, touch the Golden Harp switch and listen to flawlessly executed, sparkling arpeggios.



### Symphonic Strings™

A complete symphonic string section at your fingertips. Create the lush, full bodied sound of an entire string orchestra. The upper string complement consists of a magnificent 16' Cello, a beautiful 8' Viola, and a delicate 4' Violina. The lower keyboard also has its own Violina and Viola. We've even carried a resonant 16' string down to the pedal division. For even greater tonal flexibility and variety Symphonic String voices may be channeled through Stereophase Chorus/Celeste which imparts a magnificent, undulating, celestial quality to the tone. Each string section has its own volume control for mixing and blending the strings between keyboards and with other orchestral voices.

### Upper Keyboard (Tab-Controlled Voices)

An additional Trombone and Clarinet have been made available to facilitate the use of these important voices as full chords. Both are offered as monophonic voices in the Solo Symphonizer section. A Cornet 16' and Kinura 8' lend even more variety to the Brass and Reed resources of this magnificent instrument. Seven pitches of beautiful Flutes assure a variety of nostalgic, majestic theater organ tones, a magnificent ensemble ingredient or a lush musical backdrop for upper keyboard Symphonizer voices. Sustain, Vibrato, Celeste, Chorus and Tremolo lend even further variety and flexibility to the already versatile Flute section. A convenient Flute Preset provides an instantaneous full Flute registration at the touch of a finger.

### Custom Flute Preset

Here is a feature guaranteed to delight the players who want to create their own sounds. The seven tab-activated flutes on the upper keyboard and three flutes on the lower keyboard are also available in the form of ten continuously variable volume controls. This, in effect, is a flute synthesizer. Each flute pitch may be adjusted to sound at a volume level of anywhere between zero and eight degrees of intensity. By varying the volume of the individual flute tones it is possible to create or synthesize literally thousands of tones which may be used as solo voices, backgrounds for

symphonizer voices or an almost endless variety of special effects. There are more tonal combinations available in just the Custom Flute Preset than are found on many full size, complete console organs.

### Lower Keyboard (Tab Controlled Voices)

In addition to lower Symphonic Strings and Orchestration Plus accompaniment voices, the MX-1 offers three beautiful Flutes at 8, 4 and 2 foot pitches. Used with the Custom Flute Preset, the lower Flutes may be customized to the taste of the player. A Vox Humana 8' contributes the nostalgia of a theater pipe organ. An 8' Diapason provides a full, rich

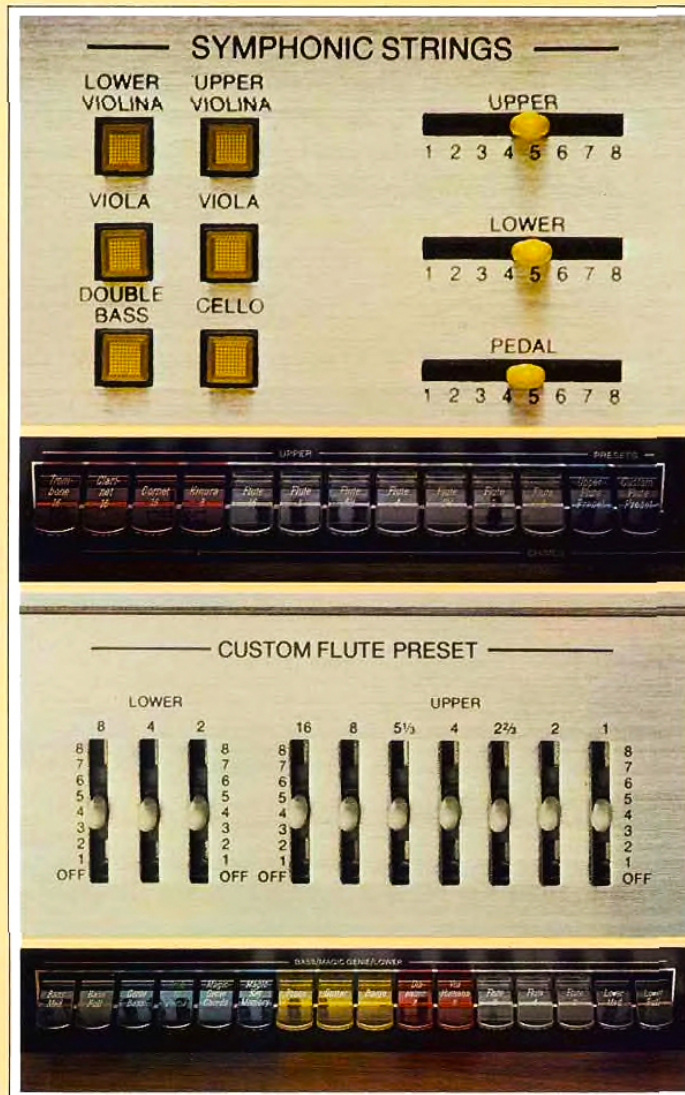
traditional organ voice. Piano, Guitar and Banjo lend a syncopated accompaniment when used with automatic rhythm. Without rhythm they automatically convert to horn, string and reed voices. In addition, these voices have their own volume control for more versatility.

An "Orch. to Lower" coupler automatically transfers any one of the twelve Orchestral Symphonizer voices down to the lower keyboard, thereby substantially enhancing the versatility and flexibility of accompaniment registration. The "Orch. Coupler," located in the "Performance Effects" control grouping, permits the coupling of any Orchestral Symphonizer voice to any Orchestration Plus instrumental pattern. Here, again, the total accompaniment capability becomes as varied as the imagination and personal taste of the player.

A "Magic Key Memory" feature permits the playing of a lower keyboard chord, even an arpeggiated chord, which will continue to sound until the next chord is played. In many cases this allows the player the temporary use of both hands on

the upper keyboard to play full, block chords.

Of course, Magic Genie® Chords make it possible for the beginner to take full musical advantage of all lower keyboard accompaniment features. Two volume tabs allow lower keyboard voices to be precisely balanced with upper keyboard voices.





### Bass

Two separate Bass sections provide the widest possible variety of Bass voices and playing techniques. Symphonic Bass features the sounds of Piano, Bass Fiddle and Tuba. Tab-controlled Bass voices include Pedal 16, Pedal 8, Diapason 8, Diaphone 8 and Guitar Bass—all of which are affected by Pedal Sustain. All Bass voices may be played on the pedals in the traditional manner, or played automatically from the lower keyboard using the Magic Genie. Independent Bass volume tabs permit the optimum loudness balance between Bass, Accompaniment and Solo voices. Bass Plus enables you to add a sophisticated bass pattern from an Orchestration Plus accompaniment by playing the pedals.

### Harmony (Automatic Organ Computer)

AOC,<sup>™</sup> Automatic Organ Computer, is one of the many features that made Lowrey America's number one selling organ. It permits the playing of full upper keyboard chords using just one finger of the right hand. Of course, this helps the beginning and intermediate organist sound like a seasoned performer. AOC affords the professional musician the opportunity to create dazzling, rapidly-moving, fully-chorded arrangements simply not technically possible without the benefit of AOC. Imagine playing "Nola" with full right hand chords! You can, with AOC.

There are three AOC controls. "AOC Organ" provides chords for upper Symphonic Strings, all upper keyboard "tab" voices, and most voices in the Orchestral Percussion section. "AOC Symphonic" provides chords for all Orchestral Symphonizer voices and Custom Symphonizer voices when played in the Polyphonic Orchestral mode.

"AOC Open Harmony" automatically creates an "open" chord that would otherwise require two hands to play. On the MX-1 it's done with one finger. Set up some beautiful Flute tones, add Open Harmony AOC and play a relaxed, one finger at-a-time melody. As if by magic you are automatically playing in a style made popular by theater organists of yesteryear.

The Harmony section of the MX-1 further expands the almost unlimited flexibility and versatility inherent in the instrument.

### Stereophaze Sound (Six Channel)

Lowrey's multi-channel sound system dramatically expands the tonal potential of the MX-1, adding a variety of stereo animations to the flute and main voices. Vibra Trem Flutes create the lush, throbbing sound of a theater organ. Flute Chorus, on the other hand, adds a subtle ensemble effect to the flutes. Main Chorus affords the same subtlety to the main voices while Chorus/Celeste converts both flute and main voices into an undulating, spacious, celestial quality. Stereophaze Sound plus Vibrato make available the widest possible combination of animation effects to accommodate every style and type of music.

### Accessories

To round out the magnificent feature complement of the MX-1 we've added a few extra touches. For example, there are built-in lights to illuminate the control panel. Another light casts a soft glow on the eighteen pedals. Two movable halogen "spots" provide additional light on the control panel or may be turned upward to illuminate the music rack.

If you wish to listen to the MX-1 in complete privacy, simply press the "speakers off" switch to its "off" position, plug in a set of stereo headphones and start to play.

For recording and/or playback, the MX-1 is equipped with stereo output and input jacks.

Should external tone equipment be used with the MX-1, we've provided a convenient switch to "turn off" the internal speakers.

Every convenience possible has been built in for maximum musical pleasure and satisfaction.



### FULL WARRANTY

Your Lowrey organ is built with the confidence of Lowrey's outstanding engineering and craftsmanship. Our solid state LSIC (Large Scale Integrated Circuitry) assures dependability and reliability second to none. In fact, we back up this claim with a One Year Full Warranty. We promise for a period of one year your Lowrey organ will be free from defects in workmanship or parts, or we'll fix it at no cost to you. No strings attached. See our written warranty for complete details.



# Lowrey... America's #1 Home Organ

## LOWREY MX-1

### Model D-600

A completely solid state, self contained console organ with two 49 note keyboards and 18 pedals. The organ includes six amplifiers and seven full fidelity speakers:

Two 10" Bass Speakers  
(Mounted in acoustic enclosure)

Two 6" x 9" Chorus Speakers

One 8" Main Speaker

Two 8" Flute Speakers

### Digital Stereo Rhythm

Ballad

Dixie

Swing

Country

Swing Waltz

Waltz

Tango

Samba

Bosa Nova

Rhumba

Cha Cha

Latin Rock

Rock

March

Soft Rock

Disco

Polka

Metronome

### Rhythm Controls

Rhythm Volume Slider

Rhythm Balance Slider

Digital Rhythm Speed Slider

Rhythm Intro

Rhythm Auto Start

Cymbal Crash

Illuminated Digital

Rhythm Speed Display

### Orchestration Plus

Big Band

Jazz Guitar

Rhythm Guitar

Contempo

Rock

Disco

Polka

Baroque

Waltz

Country

Blue Grass

Latin

Orchestration Volume Slider

### Performance Effects

Basic Mode

Variation

Chord Logic

Keyed Style

Orch. Coupler

Bass Only

### Bass

Pedal 16'

Pedal 8'

Diapason 8'

Diaphone 16'

Guitar Bass

Pedal Sustain

### Symphonic Bass

Piano

Bass Fiddle

Tuba

Bass Medium

Bass Full

Bass Plus

### Magic Genie

Magic Genie Chords

Genie Bass

Genie Volume Slider

### Lower Keyboard

Piano

Guitar

Banjo

Diapason 8'

Vox Humana 8'

Flute 8'

Flute 4'

Flute 2'

Volume Medium

Volume Full

### Upper Keyboard

Trombone 16'

Clarinet 16'

Cornet 16'

Kinura 8'

Flute 16'

Flute 8'

Flute 5<sup>1</sup>/<sub>3</sub>'

Flute 4'

Flute 2<sup>2</sup>/<sub>3</sub>'

Flute 2'

Flute 1'

Upper Flute Preset

Custom Flute Preset:

7 Upper Custom Flute

Volume Sliders

3 Lower Custom Flute

Volume Sliders

### Symphonic Strings

Viola 8' Lower

Violina 4' Lower

Cello 16' Upper

Viola 8' Upper

Violina 4' Upper

Double Bass Pedal

Upper Volume Slider

Lower Volume Slider

Pedal Volume Slider

### Orchestral Symphonizer

Grand Piano

Clavecin

Harpichord

Banjo

Trumpet

Brass Ensemble

French Horn

Electric Guitar

Post Horn

Krumet Horn

Oboe

Mandolin

Tuning Slider

Tremolo Depth Slider

Tremolo Speed Slider

Volume Slider

### Custom Symphonizer

Orchestral (Polyphonic)

Cancel Upper

Solo (Monophonic)

Percussion

Filter Follow

Chorus

Wow

Orch. to Lower

Cancel

Filter Tune Slider

Filter Resonance Slider

Filter Range Slider

Envelope Attack Slider

Envelope Decay Slider

Envelope Sustain Slider

### Solo Symphonizer

Solo Keying

Piano

Clavecin

Rock Guitar

Sax, Oboe

Jazz Flute, Jazz Guitar

Clarinet

Bassoon

Trombone

Trumpet

Tuning Slider

Tremolo Depth Slider

Tremolo Speed Slider

Volume Slider

### Effects

Sustain Upper

Sustain Lower

Upper String Attack

Marimba Repeat

Vibrato

Sustain Length Slider

### Harmony

AOC Organ

AOC Symphonic

AOC Open Harmony

### Orchestral Percussion

Harmonic 4'<sup>1</sup>/<sub>2</sub><sup>2</sup>/<sub>3</sub>'

Bells, Vibes

Vibra Harp, Chimes

Accordion

Hawaiian Guitar

Violin

### Percussion

Percussion Long

Percussion Repeat

Repeat Speed Slider

Percussion Volume Slider

### Golden Harp

Up, Down

Slow, Fast

Virtuoso, Orchestral

### Stereophaze Sound

Vibra Trem Flutes

Flute Chorus

Main Chorus

Chorus Celeste

### General Features

Magic Genie Chords

(with Automatic Chord Hold)

Expression Pedal

Headphone Jack

Input/Output Jacks

Input Volume Slider

Glide/Sustain Footswitch

Minor Chord/Golden Harp

Footswitch

Cancel Speakers Switch

Pedal Light, Panel Lights

Spot Lights, Tab Lights

Reverberation Slider

Accompaniment Cancel

### Dimensions

Height: 41<sup>9</sup>/<sub>16</sub>" (1056 mm)

(without Music Rack)

Width: 50<sup>3</sup>/<sub>8</sub>" (1280 mm)

Depth: 28<sup>3</sup>/<sub>4</sub>" (731 mm)

Weight: 357 lbs. (162 kg)

Lowrey maintains a policy of continuous improvement on its instruments and, therefore, reserves the right to change specifications without notice.





## THE INCOMPARABLE MX-1

Lowrey's all new "top of the line" has established an equally new standard of comparison for the entire organ industry.

Musically challenging, yet easy to play, the MX-1 will fulfill the most exacting demands of the home organist and professional alike. Orchestration Plus™ and other equally innovative features defy description. Only a live demonstration can effectively communicate the musical magic made possible by this incredible "electronic orchestra."

Let your Lowrey dealer help you turn your musical fantasies into reality with the phenomenal MX-1.

[normsorgans.com](http://normsorgans.com)



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Printed in USA  
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