



Owner's Guide



Thank you for choosing the Lowrey EZ1 Virtual Orchestra for your home!

This guide offers complete operational information to help you enjoy your new musical instrument. Please read the guide and keep it close by for future reference.

Table of Contents

Important Safety Instructions	2
Control Panel	6
Let's Get Started	8
Power Button	8
Home	8
Master Volume	8
Accomp. Volume	9
Drum Volume	9
EASY Play	10
ABC's	10
EASY Button	11
Chord Memory	11
Auto Bass	11
MCS (Music Chord System)	11
Major Chord	11
Minor Chord	12
Seventh Chord	12
No Chord (N.C.)	12
Listen	13
Headphones	14

Music Styles	15
Style List	15
Selecting A Style	15
Performer / Pianist	15
Style Setup	16
Start Stop	16
Intro Ending	17
Minor Chord Intro	18
Tempo Control	18
Lock Tempo	19
Tempo/Downbeat Indicator	19
Fill	19
Sounds	20
Select a Sound	20
Organs and Upper	20
Dual Sounds	22
Left Sounds	23
Piano Keyboard	24
MCS Chord Chart	25
Assembling The Stand	26
Warranty	28

Original Owner/Purchaser: Register your New EZ1 Lowrey purchase instantly by visiting www.lowrey.com. Click on the Warranty Registration link at the top of the Lowrey home page.

Important Safety Instructions

SAVE THESE INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS







WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

The exclamation point within an equilateral

triangle is intended to alert the user to the

presence of important operating and maintenance

(servicing) instructions in the leterature

AVIS: RISQUE DE CHOC ELECTRIQUE - NE PAS OUVRIR.

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lighting flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Examples of Picture Symbols

And I	denotes that care should be taken. The example instructs the user to take care not to allow fingers to be trapped.
	denotes a prohibited operation. The example instructs that disassembly of the product is prohibited.
Res .	denotes an operation that should be carried out. The example instructs the user to remove the power cord plug from the AC outlet.

Read all the instructions before using the product.

- 1) Read these instructions.
- 2) Keep these instructions.
- 3) Heed all warnings.
- 4) Follow all instructions.
- 5) Do not use this apparatus near water.
- 6) Clean only with dry cloth.
- 7) Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8) Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9) Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

10) Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.

accompanying the product.

- 11) Only use attachments/accessories specified by the manufacturer.
- 12) Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- 13) Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14) Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or object have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

WARNING - When using electric products, basic precautions should always be followed, including the following.

Indicates a potential hazard that could result in death or serious injury if the product is handled incorrectly.





product breakdown.

in tropical climates).

noise.

Do not use the product in the following areas.

- Areas, such as those near windows, where the product is exposed to direct sunlight
- Extremely hot areas, such as near a heater
- Extremely cold areas, such as outside
- Extremely humid areas
- Areas where a large amount of sand or dust is present
- Areas where the product is exposed to excessive
- vibrations
- Do not stand the main unit on its side for extended periods of time.
- Do not attempt to play the main unit at unusual angles.

Doing so may place stress on the keyboard action, resulting in breakdown of the product.

Use only the AC adaptor included with this instrument to power the instrument.

- Do not use other AC adaptors to power this instrument.
- Do not use the included AC adaptor or AC power cord to power other equipment.

Do not drag the product on the floor. Take care not to drop the product.

- A CAR

Please lift up the product when moving it. Please note that the product is heavy and must be carried by more than two persons. Dropping the product may result in breakdown.

Doing so may cause the product to generate

If the product generates noise, move the

Failure to do so may damage them, resulting in

fire, electric shock or short-circuit.

product sufficiently away from the electrical appliance or connect it to another AC outlet.

Using the product in such areas may result in

Use the product only in moderate climates (not

Do not place the product near electrical appliances such as TVs and radios.

When connecting the AC power cord and other cords, take care not to get them tangled.



Doing so may result in discoloration or deformation

Do not wipe the product with benzene or thinner.

Do not stand on the product or exert excessive force.



When cleaning the product, put a soft cloth in

lukewarm water, squeeze it well, then wipe the product.

 Doing so may cause the product to become deformed or fall over, resulting in breakdown or injury.

Do not place naked flame, such as lighted candles on the product.



Doing so may cause the illumination to fall over, resulting in fire.

Ensure that the ventilation is not impeded by covering the ventilation openings with items, such as newspaper, table-cloths, curtains, etc. Failure to do so may over-heat the product, resulting in fire.

The product should be located so that its location or position does not interfere with its proper ventilation. Ensure a minimum distance of 5cm around the product for sufficient ventilation. The product should be serviced by qualified service personnel when:

- The power supply cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled into the product.
- The product has been exposed to rain.
- The product does not appear to operate normally or exhibits a marked change in performance.
- The product has been dropped, or the enclosure damaged.

Notes on Repair

Should an abnormality occur in the product, immediately turn the power OFF, disconnect the power cord plug, and then contact the shop from which the product was purchased.

CAUTION:

To prevent electric shock, match wide blade of plug to wide slot, fully insert.

ATTENTION:

Pour éviter les chocs électriques, introduire la lame la plus large de la fiche dans la borne correspondante de la prise et pousser jusqu'au fond.



Information on Disposal for users

If your product is marked with this recycling symbol it means that, at the end of its life, you must dispose of it separately by taking it to an appropriate collection point.

You should not mix it with general household waste. Disposing of this product correctly will prevent potential negative effects on the environment and human health which could otherwise arise due to inappropriate waste handling.

For further details, please contact your local authority. (European Union only)

Instruction for AC power cord (U.K.)

IMPORTANT

THE WIRES IN THIS MAINS LEAD ARE COLOURED IN ACCORDANCE WITH THE FOLLOWING CODE.

- BLUE: NEUTRAL
- BROWN : LIVE

As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK

The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured BLACK The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured RED. Do not plug either terminal of the power cord to the ground or AC outlet on the wall.

FCC Information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a different electrical circuit from the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

The nameplate label is located on the underside of the keyboard shelf, as shown below.





- 1. Power Page 8
- 2. Home Page 8

Pressing the Home button returns the EZ1 to its original power on setting.

3. Volumes - Page 8

Control the Master and Accompaniment volume levels of the EZ1.

4. Left Sounds - Page 23

Select from musical instrument sounds for the left hand / lower keyboard.

5. Performer - Page 15

Each Music Style features two distinctive types of orchestration: Full Band or Pianist.

6. Music Styles - Page 15

Select fully-orchestrated musical accompaniments.

7. Style Controls - Page 16

Control aspects of each Style.

Intro Ending - Add a professionally composed Introduction and Ending to your songs. Start Stop - Starts and Stops a Style.

Fill - Add a rhythmic break or fill-in to your song.

8. EASY - Page 11

Activates Lowrey easy play features: MCS Chords, Chord Memory and Auto Bass.

9. Drum Volume - Page 9

Control the volume level of the drums portion of a Music Style.

10. Tempo - Page 18

Speed up or slow down the tempo of any Music Style. Tempo value is shown in the display.

Control Panel



11. Style Setup - Page 16

Each Music Style features a complete sound setup for each.

12. Display

Used along with other features. Shows data, values, and feature choices.

13. Songs - Page 13

Listen to prerecorded musical performances loaded in the EZ1.

14. Scroll

Select different feature options.

- **15. Organ Sounds -** Page 20 Select organ sounds for the keyboard.
- **16. Upper Sounds -** Page 20 Select instrumental sounds for the keyboard.

17. Headphones - Page 14 Connect a set of stereo headphones.

Let's Get Started





Power On / Off

Press **Power** to turn on the EZ1. Play.







Press **Power** to turn off the EZ1.



Home

Home returns the EZ1 to the original Power On setup sound.



Volumes

Master controls the overall volume of the instrument. Press to increase the Master Volume. The display illustrates the volume level.







Press to decrease the **Master** Volume.



Master Accomp.

Accomp. controls the volume of instruments in a Music Style and the Lower Sounds volume.

Press to increase the **Accomp.** Volume. The display illustrates the volume level.



Press to decrease the **Accomp.** Volume.





Drum Volume controls the volume of the drums / percussion instruments in a Music Style.

Press to increase the **Drum** Volume. The display illustrates the volume level.





EASY Play

ABC's Each key on the EZ1 is clearly labeled to match the music in the Lowrey Songbook and Lowrey Magic class books. Follow the music and match the notes with the keys.





Major Chord - Any major chord can be played with the conventional three notes or a single note. *For example, to play a C Major chord with one finger simply play the C key.*



Minor Chord - Any minor chord can be played with the conventional three notes or with two notes. The two note Minor Chord formula for MCS is... chord letter name + three notes up.

For example, to play a **C** Minor (**C**m) chord play the **C** note and the black E_{P} note to the right of **C**. Play both keys at the same time.



Seventh Chord - Any seventh chord can be played with the conventional four notes or with two notes. The two note Seventh Chord formula for MCS is... chord letter name + two notes down. For example, to play a **C Seventh** (**C7**) chord play the **C** note and the black **B** note to the left of **C**. Play both keys at the same time.



No Chord - Written as **N.C.** in your music, No Chord can be achieved using MCS by playing a group of three, four, or five consecutive keys at the same time. *For example: C, C* \ddagger , *D or F, F* \ddagger , *G,A* \flat .



1.	Ode To Joy
2.	Music! Music! Music!
3.	Jingle Bells
4.	Marianne
5.	When The Saints Go Marching In
6.	Beautiful Brown Eyes
7.	Little Brown Jug
8.	Love Me Tender
9.	I Walk The Line
10.	Bye Bye Love
11.	Demo Songs



Listen

the EZ1.

Press Songs.

Performance of 10 songs from the first book of the

Lowrey Magic course plus a demonstration song are in



Chain Loop plays all 11 songs in sequence repeatedly.

Scroll to select individual songs.

Scroll & Select 1. Ode To Joy



Press Start Stop to play your selection.

11. Demo Songs 110 N.C.



Press Master to adjust volume up and down.



Press Start Stop to end play.



Play music in private.

Accomp.

Master







Plug in a set of stereo headphones (USE STEREO ONLY) into the Headphone Jack.

The EZ1 sound system is Muted when headphones are plugged into the jack.

While playing some notes...



Music Styles



Button Name	Full Band	Pianist
Standards	Frank & The Count	2-Beat Piano
Country	Roadside Café	Rinkie Tink
Smooth	EZ 4/4 (8-Beat)	Heart Songs
Latin	Ballroom Latin	Piano Bossa
Rock	8-Beat Rock	6/8 Ballad (50's Love Songs)
3/4	EZ Waltz	Southern 3/4

Selecting a Style



Press a Music Style button for the Full Band version.

Press **Pianist** with a **Music Style** selected for the **Pianist** version.



Start/Stop, Easy and Style Setup become active when a Music Style is selected.



The keyboard splits when a **Music Style** or **EASY** or **Left Sound** is active.

- Play your melody notes on the Right Hand/Upper Keyboard.
- Play your accompaniment chords on the Left Hand/Lower Keyboard.

Style Setup

The **Style Setup** button provides a complete sound setup for the **Music Style**. Use the Setup as is or select different sounds or turn Style Setup off and select your own.



To begin a Music Style playing...Press a Music Style button.Play any Left Hand/Lower

Keyboard chord (conventional or MCS).



Use Start Stop to start and stop a Music Style ...

- Temporarily pause a Music Style without changing the setup.
- Press Start Stop again and the Music Style starts playing again on the downbeat (first beat of a measure).
 Any Left Hand/Lower Keyboard chord (conventional or MCS) will start a Music Style playing again without pressing Start Stop button.



The display will count down the **Introduction** and give a cue when to begin to play.

 $\overline{}$



- Begin playing your song when the introduction is through and the **Style** is playing.

Minor Chord Introduction - Hear a different introduction to the **Music Style** when playing a Left Hand/ Lower Keyboard chord to begin the song.

- Select a Music Style
- Press Intro Ending
- Play a Minor Chord, for example C minor; conventional or MCS.



To hear a professional sounding **Ending** when you are finished playing your song...

- Lift your left hand off of the keys
- Press the Intro Ending button.





The Tempo for each Music Style is preset.

To decrease or increase the **Tempo** press the up or down buttons.

- The value of the **Tempo** can be seen in the **Displa**y along with the Left Hand/Lower Keyboard chord being played.





Lock the **Tempo** to maintain the same setting, even though different **Styles** may be selected that would normally change the tempo.

- Press both Tempo buttons to lock the current tempo setting.



- To unlock the tempo press either one of the **Tempo** buttons.



Fill



The **Downbeat Indicator** illustrate the **Tempo** of a **Music Style**.

Red indicates the **Downbeat** of the **Music Style** - the first beat of a measure.

Fill adds a rhythmic break to any Music Style when the style is playing.Simply press Fill while a Style is playing.

Use **Fill** between sections of a song (Verse to Chorus) or whenever you feel like adding a break.



Fill

Press and hold Fill for different lengths of time to hear different variations.

Sounds



The keyboard splits when a Music Style or EASY or Left Sounds is active.



Select a Sound

Left	Organs	Pianos	Guitars	Strings		More	
Lower Flute 8'	Sweet	Piano: Grand	Guitar: Jazz	Strings: Ens. 1	Accordion	Choir	Sax: Breathy
Strings: Ens. 2	Jazz	Piano-El: Detune	Guitar: Country	Strings: Ens. 2	Bells: Crystal	Clarinet	Trombone
						Organ: Rock	Vibes



Press an instrument category button, *for example Organs*.

LOWREY EZ1

Sweet



Scroll to select the other sound.





LOWREY EZ1 Choir

Play to hear **Sweet** organ and **Choir** sounds combined.



Dual Sounds

Select any two upper sounds to play together, for example Piano and Strings.



Play to hear the combined sounds of **Organ**, **Piano**, and **Strings**.



Left Sounds

Select an accompaniment sound for the Left Hand / Lower Keyboard.



Play to hear the Left Sound.



Piano Keyboard

Play Organ, Upper and combined organ and upper sounds on the entire keyboard.



With no Music Style or EASY or Left Sound active the keyboard does not split.



For example, to play a piano sound across the entire keyboard simply select a piano sound...





MCS Chord Chart

The chart illustrates how to form certain chords on the left hand/lower keyboard using MCS.

CHORD	MAJOR (1 note)	MINOR (2 notes)	7th (2 notes)	DIM (2 notes)	AUG (3 notes)	MIN 7th (3 notes)	Maj 7th (2 notes)	SUS 4th (3 notes)	MIN 7th ^b 5 (4 notes)
С	С	C/E	C/B♭	C/G	C/E/G#	C/Eþ/Bþ	C/B	C/F/G	C/EP/GP/BP
C‡	Ċ#	C#/E	C‡∕B	C‡∕G	C‡/F/A	C‡∕E/B	C#/C	C#/F#/G#	C‡∕E/G/B
D	D	D/F	D/C	D/A	D/F#/A#	D/F/C	D/C#	D/G/A	D/F/A/C
E	E	EÞ/GÞ	EÞ/DÞ	EÞ/A	E /G/B	EÞ/GÞ/DÞ	EÞ/D	EÞ/AÞ/BÞ	EÞ/GÞ/A/DÞ
E	E	E/G	E/D	E/B	E/G#/C	E/G/D	E/D#	E/A/B	E/G/B/D
F	F	F/A♭	F/E	F/B	F/A/C#	F/Aþ/Eþ	F/E	F/B/C	F/A/B/E
F#	F#	F#/A	F#/E	F#/C	F#/A#/D	F#/A/E	F#/F	F#/B/C#	F#/A/C/E
G	G	G/B	G/F	G/D	G/B/D#	G/B	G/F#	G/C/D	G/B ^b /D ^b /F
A	Aþ	A♭/B	AÞ/GÞ	A♭/D	A♭/C/E	AÞ/B/GÞ	A♭/G	AÞ/DÞ/EÞ	AÞ/B/D/GÞ
Α	А	A/C	A/G	A/E	A/C#/F	A/C/G	A/G#	A/D/E	A/C/E/G
B	B♭	BÞ/DÞ	BÞ/AÞ	BÞ/E	B♭/D/F♯	BÞ/DÞ/AÞ	BÞ/A	BÞ/EÞ/F	BP/DP/E/AP
В	В	B/D	B/A	B/F	B/D#/G	B/D/A	B/A#	B/E/F#	B/D/F/A

CHORD	5 (3 notes)	MIN w/MAJ 7 (3 notes)	6th (4 notes)	MIN 6th (4 notes)	DIM 7th (4 notes)	9th (3 notes)	13th (3 notes)
С	C/E/G	C/E	C/E/G/A	C/E//G/A	C/EÞ/GÞ/A	E/B/D	B ^b /E/A
C#	C‡/F/G	C#/E/C	C#/F/G#/A#	C#/E/G#/A#	C#/E/G/A#	F/B/D♯	B/F/A#
D	D/F#/A	D/F/C#	D/F#/A/B	D/F/A/B	D/F/A)/B	F#/C/E	C/F#/B
E	E ^b /G/A	E ^þ /G ^þ /D	EP/G/BP/C	EÞ/GÞ/BÞ/C	E ^p /G ^p /A/C	G/D ^b /F	D ^b /G/C
E	E/G#/B	E/G/E	E/G#/B/C#	E/G/B/C#	E/G/B/C#	G#/D/F#	D/G#/C#
F	F/A/B	F/A	F/A/C/D	F/A	F/A	A/E	E /A/D
F#	F#/A#/C	F‡/A/F	F#/A#/C#/D#	F#/A/C#/D#	F#/A/C/D#	A#/E/G#	E/A#/D#
G	G/B/D	G/B ^p /G ^p	G/B/D/E	G/B ^b /D/E	G/B/D/E	B/F/A	F/B/E
A	Aþ/C/D	A∲/B/G	Ab/C/Eb/F	AÞ/B/EÞ/F	A [/] /B/D/F	C/G ^b /B ^b	G ^b /C/F
Α	A/C‡/E	A/C/G#	A/C#/E/F#	A/C/E/F#	A/C/E ^b /F#	C‡/G/B	G/C#/F#
B	B [/] D/E	BÞ/DÞ/A	BP/D/F/G	B ^b /D ^b /F/G	BP/DP/E/G	D/A/C	A∲/D/G
В	B/D♯/F	B/D/A#	B/D#/F#/G#	B/D/F#/G	B/D/F/G#	D#/A/C#	A/D#/G#

N.C. - NO CHORD

Pressing 3, 4, or 5 half steps at the same time, for example: C, C[#], D -or- F, F[#], G, A^{\flat}; results in a No Chord (printed **N.C.** on music).

Assembling The EZ1 Stand





Caution: To prevent personal injury *do not* handle the main unit from the ends.

4. Two people shall grasp the Main Unit from under the front and rear (not the ends) and carefully center the Main Unit on top of the Stand. In doing so the two Hook Brackets mounted on the rear of the main unit Hook Brackets shall be inside both Stand Side Panels. Approximately one-third of the side panel top rear edge shall be exposed, as illustrated to the here.



- 5. Maintaining a firm grasp of the Main Unit, slide it toward the rear of the stand to engage both Hook Brackets with the Rear Side Panel Brackets.
- 6. One person shall maintain the stability of the Main Unit while the other fastens the Stand to the Main Unit using four 25 mm Screws, *two per side.*

The **Hook Bracket** arrangement is designed to prevent the main unit from tilting forward while installing the screws. Each person shall keep one hand under the front of the main unit and slightly tilt from the rear to be certain the hook brackets are properly engaged.





Caution: Failure to secure the main unit to the stand with the four screws may result in the main unit falling from the stand causing damage and personal injury.







Two Year Limited Warranty Lowrey Virtual Orchestra

Register your Lowrey product immediately by visiting www.lowrey.com click on 'Warranty Registration'

FIRST YEAR: Lowrey will provide the original consumer purchaser, through authorized dealers and registered technicians, component parts and authorized labor expense for installation to repair consumer's Lowrey instrument, if required due to component or material failure or workmanship.

SECOND YEAR: Lowrey will provide the original consumer purchaser, through authorized dealers or registered technicians, electronic component parts required for repair, exclusive of labor cost, if required due to component or material failure or workmanship.

This warranty is limited to instruments purchased from and will be administered through authorized Lowrey dealers in the United States & Canada and is non-transferable. Consumers are instructed to call a Lowrey dealer for service and provide accurate details of faults.

EXCLUSIONS: This warranty does not extend to accessories connected to or damages resulting from such connections; any instrument which the serial identification numbers have been altered, removed or tampered with; damage caused by abuse, neglect or improper operation; repair expenses required due to unauthorized alterations, modifications or tampering. Additional expenses of explaining features and instrument operation not included.

Lowrey shall not be responsible for any warranties offered in addition to this warranty. Lowrey shall not be liable for and excludes incidental or consequential damages which may be incurred. Implied warranties are limited to the expressed warranty. Some states do not allow these limitations. Therefore, you may have other legal rights which vary from state to state.

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

MODEL	SERIAL NUMBER	PURCHASE DATE
EZ1		



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