

MSY2 ALL-IN-ONE MUSIC SYSTEM



Owner's manual

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1. Introduction

1.1 Safety Instructions

Please store this instruction manual for future reference.

- **WARNING:** To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- **WARNING:** The direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable.



- This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of non-insulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock.
- **Warning:** To reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel.
- The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.



-  **Correct Disposal of this product.** This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmental safe recycling.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Do not use this product near water or moisture.

- Clean only with a dry cloth.
- Unplug this product from the wall outlet before cleaning.
- Place the unit on a solid surface.
- Do not put it in a closed bookcase or a cabinet that may keep air from flowing through its ventilation openings.
- Do not install near any heat sources, such as radiators, heat registers, stoves or other appliances that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs and the point where they exit from the product.
- Servicing is required when the product has been damaged. Do not attempt to service this product yourself. Opening or removing covers may expose you to dangerous voltages or other hazards. Please contact the manufacturer to be referred to an authorized service center near you.
- To prevent risk of fire or electric shock, avoid over loading wall outlets, extension cords, or integral convenience receptacles.
- Do not let objects or liquids enter the product.
- Use proper power sources. Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
- Changing sources while a CD is playing causes the CD to stop playback. Playback will resume when the source is set to CD again.
- The sound quality of MP3, CD-R/CD-RW, and even commercially recorded discs can vary greatly. The same holds true for the sound quality of portable MP3 players.
- Do NOT use any CD lens cleaning discs since these are not designed for slot-load machines.
- Avoid bending the disc when loading or ejecting.
- Do not move the unit while a disc is playing and do not ship the unit with a CD inside.
- Do not try to insert a disc in the slot if one is already inside the unit.
- Do not insert specially shaped discs or 3" CD "single" discs.
- You may experience a delay in playback when inserting MP3 or WMA discs while the player reads the directory.
- Paper labels stuck to CD-R/CD-RWs may become loose and possibly damage the

player.

- CDs with severe scratches may not play properly.
- Do not insert anything except a CD inside the loading slot.
- In the rare event you experience an error, unplug the power cord for 60 seconds and then plug it back in firmly.

1.2 Features

This manual describes how to use the MSY2:

- **DAB/DAB+** digital radio with a wide choice of channels and digital quality sound broadcast free-to-air
- **FM** with RDS (Radio Data System)
- **Bluetooth** - streaming music and control from Smart device.
- **USB** port- to play the MP3 music from USB stick storage device.
- **USB (5V/1A)** port for mobile charging.
- **Aux in** for external MP3 music sources from iPod/iPad or other MP3 players
- **CD playback:** playback formats: audio CD, MP3 CD, WMA CD, CD-R and CD-RW

MSY2 also provides the following features:

- Large TFT color display for easy control and clear information display.
- Infrared remote control
- Clock with auto-update capability and dual independent alarms Sleep/snooze
- Multiple languages options.

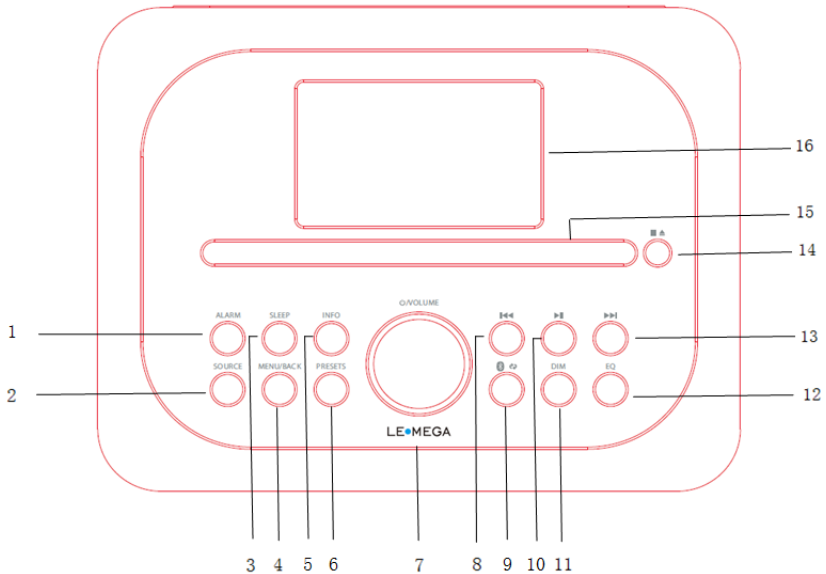
1.3 Carton contents

After you unpack the box, you will find the following items

- 1 MSY2 unit
- 1 12V/2.5A power adapter
- 1 owner's manual
- 1 Remote Control
- 1 Warranty Card

2. Controls, connectors and display

2.1 Main control

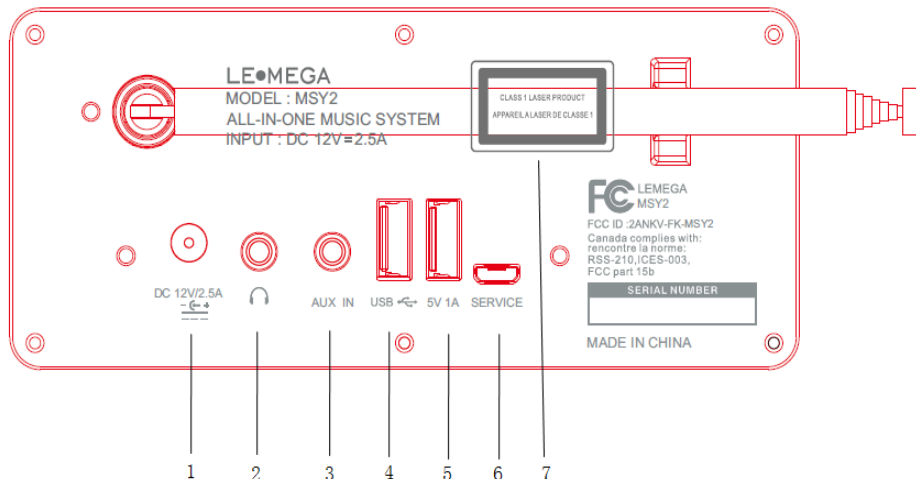


1. Alarm button
2. SOURCE : Press to Source to select different modes DAB, FM, Bluetooth, Aux in, CD and USB playback
3. SLEPP: Press to set the sleep
4. Menu/Back button
BACK: press the BACK to return to the previous screen.
MENU: press the MENU to show the MENU for the current mode. Press again to show now playing screen
5. INFO: Info button
6. Presets button
7. Multi-function navigation dial (Select/Volume control/Mute/Snooze/Power button)
8. CD/Bluetooth skip previous/Tune- button
9. Bluetooth mode is Bluetooth pairing; CD mode is repeat
10. Press to select Play/Pause under BT mode. In FM mode, press to do auto scans the stations
11. DIM: Adjust the display backlight
12. EQ: Adjust the EQ setting

13. CD/Bluetooth skip next/Tune+button
14. CD stop and eject button
15. CD slot
16. TFT color Display

2.2 Connectors

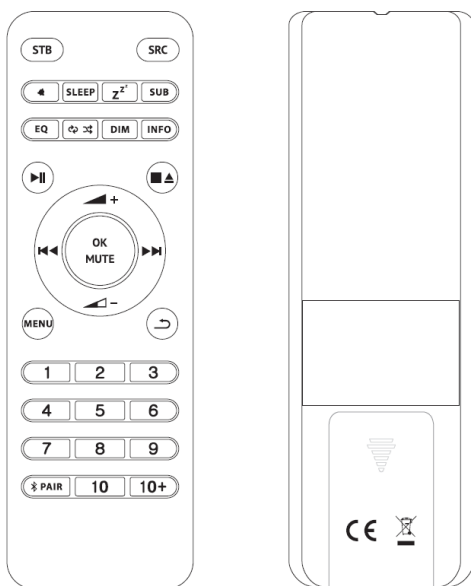
As shown below has connectors (from left to right) for the following:



1. DC in (12V)	5. 5V/1A is for mobile charging
2. Headphone socket	6. Service is for the software upgrade
3. Aux in (to connect external MP3 music source from the iPod or other devices)	7. Antenna
4. USB port is for MP3 USB playback	

2.3 Remote control

In addition to duplicating most of buttons on top of the unit, the remote control adds the following functions:



1. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10: Short press to preset the stations. For the 10+, it needs to long press the 10+ and then short press the 1-9 to get the 10+ preset number
2. : Press to play / pause the playing BT mode and CD mode. Auto Scan stations under DAB and FM mode.
3. : Press to stop CD playback, press again for CD ejection.
4. : Press to volume up or volume down in playing screen. Press up or down to select menu for settings.
5. Press right or left to select mode. In playing screen, press right or left to select FM, DAB, or CD tracks.
6. **OK/MUTE**: Long press the button to switch DAB normal playing screen image to full screen slide show image.
7. **SRC**: Source button
8. **EQ**: Adjust the EQ setting.
9. : Repeat & Shuffle play, it is Repeat in CD/USB playback/, it is Shuffle play in CD mode.
10. **Dim**: Adjust the display backlight setting
11. **PAIR**: In Bluetooth mode, it is Bluetooth pairing.

Remark: As the remote is sharing with other models, some functions can not use.

3. Started and setup

MSY2 is easy to use by the below 3 steps:

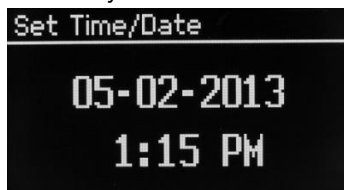
- a. Place the MSY2 on a suitable shelf or table;
- b. Extend the telescopic antenna;
- c. Connect the power adapter between MSY2 and the mains supply and press the Power/Volume dial to turn the device on.

Set Time/Date (wizard)

The time and date can be updated manually or automatically. With auto-update, the time and date are automatically synchronised with national time signals broadcast over DAB and FM (when available).

The time menu contains the following options:

- Set Time/Date
- Auto update
- Set 12/24 hour
- Set date format
- Clock style



Auto-update

Auto-update works with data sent over DAB, FM. The clock is only updated when in a corresponding mode, so it is best to select a mode you use regularly.

DAB and FM use time signals broadcast with radio transmissions.

Select Update from DAB, Update from FM, Update or No update.

Note that if you are updating the time from DAB or FM, the Daylight savings option has no effect on the clock's time.

MSY2 will auto-update from the selected source when time information is available.

Manual set

If you set No update, the wizard now prompts you to set the time and date manually.

The date and time are displayed as dd-mm-yyyy and hh:mm AM/PM with the first value, dd, active (flashing).

Adjust each value with the **Select** control.

As each value is set, the next value becomes active and flashes.

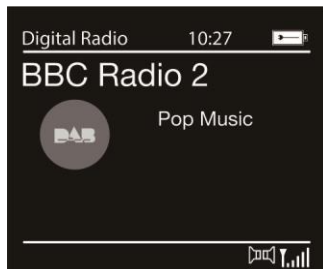
12/24 hour display

To change between 12 and 24 hour display, select Set 12/24 hour and then select your preference.

4. DAB radio mode (Optional)

To enter FM mode, please refer the below steps:

- 1) Product defaults to DAB mode.
- 2) If this is the first time you are using the radio, it will automatically start scanning. This may take a few minutes - previously-selected station or first station on the station list will automatically play.
- 3) To change station, press Tune +/- button and use 'Navigation' dial to choose a radio station, press dial to select.
- 4) Adjust volume using 'Power/ Volume' dial, turn anticlockwise to decrease and clockwise to increase volume.



If reception was not good for the original scan (for example the antenna was not up), this may result in an empty or incomplete list of available stations.

If you have poor reception of some stations (burbling), you may wish to list only stations with good signal strength.

To start a scan manually, select **Menu** > Full Scan.

Once the scan is complete, the radio shows a list of available stations.

To remove stations that are listed but unavailable, select **Menu** > Prune invalid.

4.1 Selecting stations

To listen to or change a station, turn the **Select** control to view a list of stations and press to select. Once selected, the station plays and the screen shows information about the station, track or show as broadcast.

Presets

To store a DAB preset, press and hold **Presets** until the display shows the Save preset screen.

Select one of the 20 presets (on the remote) to save the currently playing station.

To select a preset, press **Presets** briefly, then select one of the listed preset stations.

When a preset station is playing, it shows ★ 1,2,3 etc in the bottom middle of the screen.

4.2 Now playing information

While the stream is playing, the screen shows its name and DLS (Dynamic Label Segment) information broadcast by the station giving real-time information such as programme name, track title and contact details. Stereo broadcasts are indicated with an icon at the top of the screen. To view further information, press **Info** .

Each time you press **Info**, another set of information is displayed, cycling through DLS text, programme type, ensemble name/frequency, signal strength/error rate, bit rate/codecs/channels and today's date.

4.3 Settings

Dynamic range compression

Some DAB broadcasts offer dynamic range compression (DRC). This feature allows radios to compress the dynamic range of the output audio stream, so that the volume of quiet sounds is increased, and the volume of loud sounds is reduced. This can be useful if you are listening to music with a high dynamic range in a noisy environment (for example, classical music while cooking).

To change the DRC of the MSY2, select **Menu** > DRC, and then DRC high, DRC low or DRC off.

Note: The MSY2's DRC setting does have any effect if DRC data is not included in the

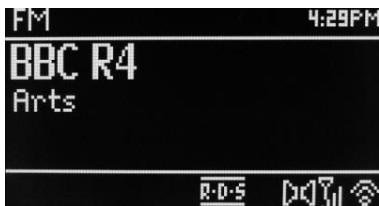
broadcast.

5. FM radio mode

FM radio mode receives analogue radio from the FM band and displays RDS (Radio Data System) information about the station and show (where broadcast).

To enter FM mode, please refer the below steps:

- 1) Press 'Source' button to enter Audio Source Menu and use/rotate 'Navigation' dial to select FM
- 2) To automatically scan for station, long press Tune '+' or Tune '-' button.
- 3) To manual tune in 0.05MHz increments press Tune '+' or Tune '-' button.
- 4) Adjust volume using 'Power/ Volume' dial, turn anticlockwise to decrease and clockwise to increase volume.



5.1 Selecting stations

You can scan up or down by pressing and holding the Tune +/- buttons or tune manually with quick presses.

Presets to store an FM preset, press and hold button **Presets** until the display shows the Save preset screen. Select one of the 20 presets to save the currently playing station.

To select a preset, press **Presets** briefly, then select one of the listed Preset stations.

5.2 Now playing information

While an FM station is playing, the screen shows one of the two following sets data:

If RDS information is available, by default the service name (i.e. station name) is displayed.

You can cycle through further RDS information by pressing **Info**. Each time you press **Info**, another set of information is displayed, cycling through RDS radio text, RDS programme type, frequency and today's date.

If no RDS information is available, the currently tuned frequency is shown.

6 AUX mode

Aux in mode plays audio from an external source such as an MP3 player.

To play audio with Aux in mode,

- 1). Connect the external audio source to the Aux In (RCA) stereo socket.
- 2). Either press **Source** and select AUX in
- 3). Adjust the volume of MSY2 (and, if necessary, the audio source device) as required.



7. Bluetooth mode

Prior to pairing, verify your device supports Bluetooth 5.0 and your device is not connected to any other Bluetooth product. Devices may pair differently. Below is a general guide.

1. Press to **Source** and select Bluetooth mode. This will power on the Bluetooth. Turn the volume up about ¼ to start. Also turn up the volume on the source device (the device you are streaming from).
2. Turn on the Bluetooth on your enabled device.
3. Select Bluetooth device name “LEMEGA MSY2” when it appears on your device’s screen to initiate searching.
4. You can start to play your music files wirelessly. Adjust the volume level on your device.

You should not have to pair your device again.

Depending on your device, you may need to make multiple attempts at Pairing and/or Connecting to the “LEMEGA MSY2”, but please give your device adequate time to Pair or Connect before repeating the process.

8 My Music with USB playback

To play audio from a USB mass-storage device such as a USB Flash stick or USB hard

drive, Select **Source> USB**.

Browsing folders From this point on, menus are generated from the folders on the USB device. Browse folders with the Select control and Back button. The display shows folder and file names (not necessarily track names).

9. CD Playback

Notice! Improper operation can result in material damages!

Do not insert any recording media that deviate from the standard CD format (eg: mini-discs) into the CD player. These may not be played and ejected correctly. Insert only one disc at a time into the CD player.

Insert a disc (with printing side facing up) until it is drawn inside. The CD player will automatically load the CD and start playback.

The display will say "Loading". Disc functions will not work while the disc is loading. Playback will begin automatically once the table of contents is read. The display will show "No Disc" when the unit is set to CD mode and there is no CD inside.

Insert the CD into the CD slot with the label side up, The display shows the following information in CD mode:

CD mode

Time

Elapsed playback time in minutes

Track number

Playback status(playing/pause)

To pause/resume playback of the CD, press the button. 

To switch to the next track, press the button once. 

To fast forward through a track, press and hold 

To switch to the previous track, press and hold 

To fast backward through a track, press and hold 

To stop CD playback, press 

Press the menu button to open the CD menu for system settings.

10. Alarms and sleep

10.1 Alarms

To set or change an alarm, press **Alarm** button

Select the alarm number (1 or 2) then configure the following parameters:

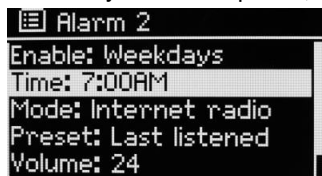
- Alarm: on/off,
- Frequency: Daily, Once, Weekends or Weekdays,
- Time: 0-max
- Source: Buzzer, DAB, FM
- Duration: 15/30/45/60/90/120
- Volume: 0 - max.

To activate the new settings, scroll down and select Save.

The screen shows active alarms with an icon at the bottom left.

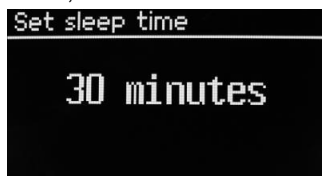
At the set time, the alarm will sound. To temporarily silence it, press **Snooze** .

You can change the snooze period with the **Select** control if you like. The radio returns to standby for the set period, with the silenced alarm icon flashing.



10.2 Sleep

To set the sleep timer, select **Sleep** button, then choose from Sleep OFF, 15 MINS, 30 MINS, 45 MINS or 60 MINS or 90 MINS.



Once you select a sleep period, the system returns to the main menu.

11. Factory reset

A factory reset resets all user settings to default values, so time/date, and presets are lost. However, the radio's current software version is maintained.

To perform a factory reset, select **Menu** > System settings > Factory reset proceed >Yes.

12 Troubleshooting and error messages

12.1 Error messages

Message	Description	Example
Service not available (DAB)	No DAB reception	
No USB device found		Trying to access USB menu, but no USB plugged in
USB device unsupported	Unsupported USB device plugged in.	
USB error	General USB problems	
USB read error	Unable to read particular data from memory	Bad memory sector found on USB device
USB underpowered	Power failure to USB device - user have to remove the device	

12.2 Troubleshooting

Problem	Cause	Solutions
FM: Hiss DAB: burbling/intermittent cut-out	Low signal strength	Check/move antenna Move radio Rescan local (high-strength) stations only For DAB, check local coverage at www.ukdigitalradio.com/coverage
DAB: 'No stations available' message	Low signal strength	As above then rescan stations.
CD playback does not start	CD format is not compatible	CD format is not compatible
	CD is damaged	Insert a different CD into the CD slot
	CD is dirty	Clean the CD

13 Technical Specification :

Model: MSY2 ALL-IN-ONE MUSIC SYSTEM

Type: CD/DAB/DAB+/FM/AUX/Bluetooth Music system

Speaker: 1 x 3" (full range)

Power: RMS 15W

Power Supply: 12V/2.5A power adapter

Dimension (mm): 200W x 160H x 280D

Weight: 3.0 KG

Specifications are subject to change without notice

If you have any questions or suggestions, please share with us.

info@lemegaaudio.com

www.lemegaaudio.com



NOTE: 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. However, there is no guarantee that interference will not occur in a particular installation. 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 circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.”

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MSY2 ALL-IN-ONE MUSIC SYSTEM

If you have any questions or suggestions,
please share with us.

info@lemegaaudio.com
www.lemegaaudio.com



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