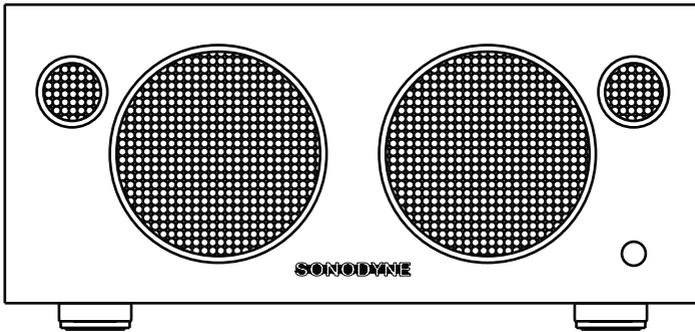


ललितार

high fidelity wireless stereo speaker • owners manual



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INTRODUCTION

The Malhar is a high fidelity stereo wireless music system. It features Bluetooth, Optical and USB inputs plus a stereo line level input. The supplied remote control features power, volume, input selection, mute as well as play/pause, previous and next functions of the USB player. A 5V DC USB socket allows charging of smartphone while streaming music.

The Malhar consists of two powerful 5" woofers specially designed for deep bass capability, mounted in a bass-reflex enclosure. The woofers are augmented by two 5" passive radiators on either side. These passive radiators assist the woofer in reproducing deep bass notes. Conventional bass-reflex enclosures rely on vents which cause chuffing noise caused due to air being pushed in and out of vents. Moreover, the limitation on the maximum opening of the vents causes the lower cut-off frequency to change with power levels. The woofers are driven by a high power 2 channel Class-D amplifier. There are 2 separate 1" dome tweeters with neodymium magnet which ensure smooth, wide and extended high frequency response.

IMPORTANT SAFETY INSTRUCTIONS

1. Do not place the unit on an unstable surface that may topple and cause the unit to fall, thereby causing injury to yourself or to other people.
2. Do not place the unit outdoors where it may be exposed to strong sunlight, rain or moisture. Do not place it near a water body or sprinkler.
3. Do not place the unit near heat radiating items like stoves, radiator etc.
4. Do not allow liquid or any chemical to spill on or into the product.
5. Do not block the rear of the unit or put it inside a closed space. Leave at least 6" of gap between the rear of the unit and the nearest surface.
6. Do not open the unit or attempt to service it yourself. There is no user-serviceable part inside. Refer servicing to qualified service personnel only.
7. Connect the unit to a 230V 50Hz 3 pin wall outlet with proper earth. Use only the cable supplied with the unit to connect to the wall outlet. Keep the power switch on rear in OFF position when connecting the cable.

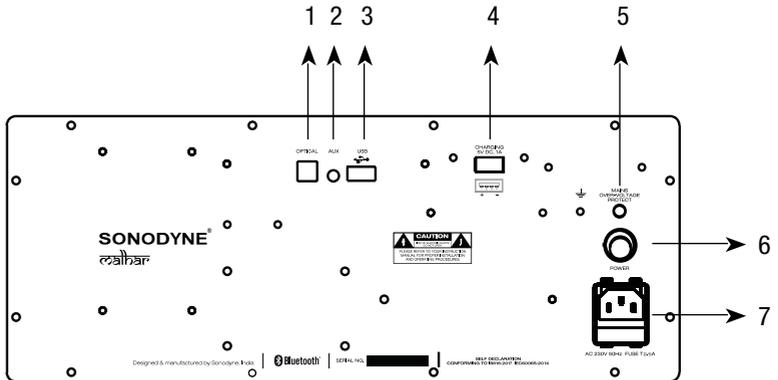
UNPACKING

Remove the sleeve of the carton by pulling out. Open the flap from one end by pulling out the tongue of the flap. Inside, you will find the following

1. 1 x MALHAR
2. 1 x Remote control with CR-32 type battery
3. 1 x Power cord
4. 1 x Owner's manual

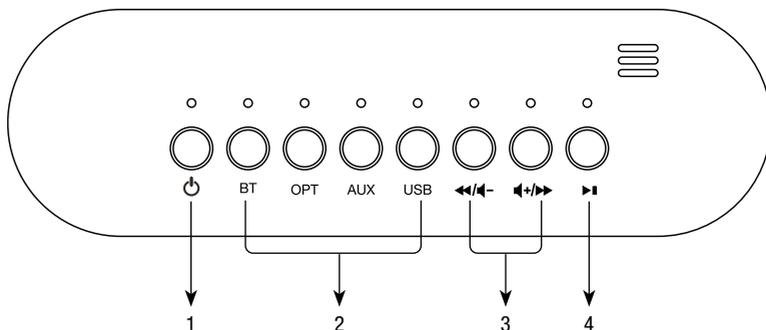
Do not discard the carton and the packing materials. They will come in handy if you need to transport the unit in future. Do not discard the carton and the packing materials. They will come in handy if you need to transport the unit in future.

● controls & switches - rear ●



1. **OPTICAL INPUT** – Connect the optical output of your CD/DVD player or set-top box or other audio source to this socket using an optical cable, for playing the audio output of the source device.
2. **AUX INPUT** - This is a line level stereo analog input via 3.5mm socket. You can connect the analog audio output of any audio source to these sockets. While connecting to TV, ensure that the Audio Out setting is selected
3. **USB input** - This is a USB input for playing audio tracks recorded on external USB devices such as pen drive, external hard drive etc. Plugging in a USB device automatically switches the input mode to USB input. You can play both MP3 and WAV format audio tracks. This is ideal for connecting your phone, voice assistant, TV or a CD player.
4. **5V DC OUT** – This is a 5V USB charger. You can charge your smartphone or other device requiring a USB charger, while streaming music.
5. **MAINS OVERVOLTAGE PROTECT INDICATOR** – Your MALHAR has a protection feature which automatically shuts off power to the unit when the mains voltage crosses a safe upper limit. In such case, this LED will glow. Normal operation will resume when the over-voltage condition has been removed..
6. **POWER SWITCH** -This is a rocker type power switch which turns on power to the system. The ON position is indicated with a dot on the switch.
7. **MAINS INLET** - This is an IEC type AC socket with built-in fuse. Connect this socket with the cable supplied, to a grounded AC outlet providing 230V, 50Hz power. Make this connection last, after you have finished making input and output connections. Please ensure that the AC outlet is grounded, which is in the interests of your own safety. There is a spare fuse included inside the socket, should you need to replace the fuse in the event the fuse blows. Always replace fuse with the correct type.

● controls & switches - top ●



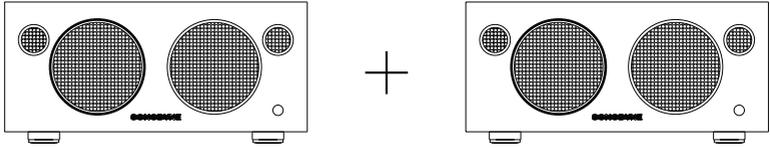
1. **STANDBY POWER** switch and indicator - When power is applied to the unit and the power switch on rear is switched on, this indicator will glow red in colour. This indicates that the unit is in standby mode. Pressing the switch will switch on the unit, and the indicator will turn off. Depending on the input last selected, the corresponding indicator for the input will light up.
2. **INPUT SELECT** switch and indicator – There are 4 input select switches – Bluetooth, OPT, AUX and USB, for the 4 types of input. The OPT, AUX and USB inputs are applied through corresponding sockets on the rear as explained above. Bluetooth input is applied wirelessly through smartphone or other source device having Bluetooth connectivity. To select the input, press the corresponding switch. The indicator corresponding to the selected input will light up. Please note that the USB is a priority input, meaning if you insert a USB device, it will automatically switch to USB input irrespective of whichever input is selected.
3. **PREVIOUS/NEXT AND VOLUME DOWN/VOLUME UP** switches – There are two switches for selecting previous and next track of the built-in USB player as well as Bluetooth input. These switches also double as volume down and volume up switches, respectively.
Short press of the switch activates previous and next track selection, while long press activates volume up/down. Each press of switch causes the corresponding indicator to blink.
In volume up/down mode, keeping the switch pressed will activate rapid volume change indicated by a blinking indicator. However, once the maximum or minimum volume is attained, further press of the switch will not cause any blinking of the indicator.
4. **PLAY/PAUSE** switch- This switch has 2 functions. Short press to play or stop playing the selected track in the built-in USB player or Bluetooth. This causes its indicator to blink. Long press the switch to unpair the Bluetooth source connected to it. The Bluetooth indicator LED will start blinking indicating that there is no source connected.

● operation ●

1. Your remote control unit comes with battery fitted, but there is an insulating sticker to prevent it from making connections and getting drained. Open the battery compartment on the rear of the remote control by turning it anticlockwise, with a coin. Remove the sticker, and put the battery cover back.
2. Insert the female end of the supplied mains cable to the unit and the male or plug end to a 230V 50Hz 3 pin wall outlet.
3. Switch on the unit by operating the rocker type power switch on the rear. The standby power indicator on top panel will glow red. This indicates that power has been applied to the unit, but it is on stand-by.
4. Press power button on the remote control unit, or the power switch on the top panel. The standby indicator will turn off and the corresponding indicator for the input last selected will light up.
5. You have a choice of connecting 4 types of input as the source. Proceed as below, to play music from different input sources
 - i. AUX - Connect your source to the AUX socket, at the rear, with a 3.5 mm stereo phone jack. Press the AUX key on the top panel, or the AUX button on the remote, to play. Change volume as required, with the Volume up/down buttons on remote or top panel.
 - ii. BLUETOOTH – Connect your smartphone/tablet/laptop or other device with Voice Assistant/Streamer connectivity by pairing with the Alaap or Bandish. For this, turn on Voice Assistant/Streamer, under Settings, in your smartphone. Next press the BT button on your remote or that on top panel. Search for Voice Assistant/Streamer devices in your smartphone. You will see the name MALHAR displayed in your smartphone. Pair with the same and play music from your smartphone. The procedure will be similar for a tablet or PC.

You can pause a track or commence play from pause mode, by pressing the Play/Pause button on remote or the respective keys on top panel or from source device. To select previous or next track, press the respective buttons momentarily on top panel or can be selected via source device or remote.
 - iii. Optical – Connect your source such as the optical output of a CD/DVD player or set-top box or A/V receiver, to the socket marked Optical, with an optical cable. Press the OPTICAL key on the top panel, or the OPT button on the remote, to play.
 - iv. USB – Insert a USB flash-drive or external hard disk containing audio tracks in .mp3 or .wav format. Inserting a USB device with audio tracks will automatically switch it to USB mode and play will commence. You can pause pause mode, by pressing the Play/Pause button on remote or the respective keys on top panel. To select previous or next track, press the respective buttons momentarily. Note that since these buttons also double as volume up/down, do not press and hold, which will activate the volume up/down function.
6. The Malhar is protected from overdrive by a built-in DSP-based limiter. If the maximum undistorted output is reached, further increase of volume will not have any effect.

● duet mode ●



Link two Malhar speakers using this mode to cater to a wider area

- | | |
|--------|--|
| STEP 1 | Power (⏻) on unit 1 and unit 2 (Turn system on with the rocker type power switch at rear. Press power button (⏻) on keyboard) |
| STEP 2 | Select Bluetooth (BT) through keyboard or remote.
Next long press BT button on keyboard of unit 1 till the standby power LED (⏻) flashes. The Bluetooth LED (BT) will also flash. |
| STEP 3 | Repeat above procedure for unit 2 |
| STEP 4 | After a few seconds, the standby power LED in both the units will become steady. The Bluetooth LED (BT) in one unit will become steady. This is the slave unit. The Bluetooth LED (BT) on the other will continue to flash. This is the master unit. This indicates that unit 1 has been paired to unit 2. |
| STEP 5 | Pair your phone or other Bluetooth audio source to unit 2.
The Bluetooth LED (BT) on the master unit will become steady after pairing. |

To exit duet mode, simply switch off the unit with the power switch at the rear

● troubleshooting ●

SYMPTOM	SOLUTION
No power on system	<p>Please check:</p> <ul style="list-style-type: none">• Malhar is connected to mains socket• Power switch (at rear) is turned ON• Please check the fuse at rear. If blown, replace with supplied spare fuse
No audio in BT mode	<ul style="list-style-type: none">• Make sure you have selected “Malhar” in the pairing list on your Bluetooth device and connection is confirmed by your device.• Make sure “Malhar” is not muted and the speaker volume is up.• Make sure your Bluetooth device is playing audio and the device volume is up.• Make sure the transport controls of the audio device are set to playback audio.• Your Bluetooth device may be out of range – try moving it closer to “Malhar”.• Move your Bluetooth device and/or “Malhar” away from devices such as cordless phones, microwave ovens, wireless network routers that generate electromagnetic interface.• If possible, turn off all other nearby Bluetooth devices or disable their BT functionality.• Turn off or disable Bluetooth functionality on all other paired devices nearby (including “Malhar”) and reconnect the device with “Malhar”.
Distorted sound quality in AUX mode	<ul style="list-style-type: none">• This can happen if the input is over-driven, typically while being connected to a source that also has a gain control. To resolve this please keep the DVD volume level close to min, and then increase the volume level of Malhar as desired.• Make sure the 3.5mm plug is fully inserted into the speaker.

● specifications ●

DESCRIPTION	Wireless music system
ENCLOSURE	MDF
ENCLOSURE TYPE	Bass reflex, vented
TRANSDUCER COMPLEMENTS	2 x 5" Glass-fiber cone woofer 2 x 5" Passive Radiator 2 x 1" Neodymium magnet silk-dome tweeter
INPUTS ANALOG DIGITAL	AUX (stereo unbalanced input) Optical, USB Audio, Bluetooth Stereo
CONTROLS AND SWITCHES (TOP, TACT SWITCH)	Standby power Volume up/down cum track forward/reverse for USB Audio Input select - 4 switches for 4 inputs Play/Pause for USB Audio
CONTROLS AND SWITCHES (REAR)	Rocker type power switch for mains power
INDICATORS (TOP, LED)	Standby power Volume up/down cum track forward/reverse for USB player Input select - 4 indicators for 4 inputs Play/Pause for USB Audio
OTHERS	5V DC OUT through USB socket, for charging
REMOTE CONTROL	IR type remote control with hand-held remote control unit Keys - Standby, Volume up, Volume down, Mute, Input selection (4 keys) Forward, Reverse , Play/pause for USB player
OUTPUT POWER	180 watt
FREQUENCY RANGE	40Hz ~ 20kHz
THD + NOISE	0.3% max at rated power
AMPLIFIER TYPE	Class D
POWER SUPPLY TYPE	SMPS
MAINS OPERATING VOLTAGE RANGE	90 - 264 volt AC
FINISH	Natural wood veneer; glossy white/ black/red paint
GRILL	Metal mesh for woofer and tweeter
MECHANICAL DIMENSIONS (WxHxD)	424mm x 181mm x 190mm
NET WEIGHT	8kg
GROSS WEIGHT	8.5kg

Due to continuous improvements, all specifications are subject to change

● warranty information ●

In substitution of any warranty or condition implied, this equipment is warranted against failure arising through faulty workmanship or material for a period of 24 calendar months from the date of purchase. During this period, subject to the conditions stated here, the manufacturer will replace or repair any defective part free of charge. This warranty is only given with respect to faulty workmanship and/ or materials and does not cover misuse or consequential damage. Claims under the warranty will be considered only if the component is returned to a SONODYNE Service Centre directly, or through an authorized dealer.

1. This warranty is applicable only to the original purchaser when purchase is made from an authorized SONODYNE dealer. Any claim must contain particulars as stated in the customer's warranty card copy.
2. The warranty DOES NOT COVER:
 - a. Damage resulting from incorrect installation or use not in accordance with the operating instruction issued by the manufacturer
 - b. Consequential damage
3. This warranty will be rendered invalid if any authorized alteration, modification or substitution is carried out or if the Serial No. is altered and/ or defaced.
4. All equipment for servicing must be sent, carriage paid, to a Service Centre, The Company will accept no responsibility for loss or damage in transit
5. If the equipment or any part of it is returned for any cause not covered by the warranty, all costs involved, including charges for inspection and handling will have to be borne by the customer.
6. No dealer has the authority to vary the terms of this warranty.

Register your product to activate your warranty:
<https://sonodyne.com/registerproduct>



Upload a picture or video of your Sonodyne product
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If you have anything less than a 5 star experience,
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and we will make it right

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