

Meerkat Bluetooth Speaker System

MESPBT

Speaker Set, Bluetooth, 2 Speakers
(1 x Active / 1 x Passive)
6.5 inch, 8 Ohm, 30 Watts each



MESPP

Speaker (1 Speaker, Passive only)
6.5 inch 8 Ohm 30 Watts



MESPBT - Speaker Set, Bluetooth, 2 Speakers, 1 x Active / 1 x Passive, 6.5 inch 8 Ohm 30 Watts each

MESPP - Speaker, 1 Speaker, Passive only, 6.5 inch 8 Ohm 30 Watts

Active speaker:

- Power RMS: 30 Watts per speaker
- Power Max approx.: Max peak power 50W
- Impedance: 8 Ohm
- Frequency response: 100Hz-20kHz
- SPL@1W/1m:86dB (Sensitivity: 86dB 1W/1m)
- Woofer Diameter: 165mm (6.5")
- Tweeter: 25.4mm (1") Silk Dome
- Overall Diameter: 242mm
- Depth: 112.5mm
- Mounting hole diameter: 202mm
- Mounting depth from flange: 105mm
- Weight: Approx: 3kg
- Amplifier: Class D
- Stereo Amplifier: Yes
- Output Speaker channels total: (1 active + 3 passive)
- Plug power pack input: 220-240V ac 50/60Hz
- Amplifier input from power pack: 15V dc 2A
- Bluetooth System: V4.2 EDR
- Bluetooth range: Up to 10 metres
- Uniquely addressable: Yes
- Auxiliary connection: Yes
- Standby power: Max 1.65W
- Speaker cable length supplied: 10 metres
- IP Rating: N/A
- Speaker cone colour: Black
- Speaker cover colour: White

Passive speaker:

- Power RMS: 30 Watt per speaker
- Power Max approx.: Max peak power 50W
- Impedance: 8 Ohm
- Frequency response: 100Hz-20kHz
- SPL@1W/1m: 86dB
- Woofer Diameter: 165mm (6.5")
- Tweeter: 25.4mm (1") Silk Dome
- Overall Diameter: 242mm
- Depth: 112.5mm
- Mounting hole diameter: 202mm
- Mounting depth from flange: 105mm
- Weight: Approx: 3kg
- Auxiliary connection: No
- Speaker cable length supplied: 10 metres
- IP Rating: N/A
- Speaker cone colour: Black
- Speaker cover colour: White

INSTRUCTION MANUAL

Thank you for choosing the TRADER MESPBT Speaker Bluetooth 6.5" 30 Watts, 2 Speaker pack.

This innovative design and advanced engineered product, provides easy installation and setup and is designed for high quality sound and ease of use.

This manual describes the installation of MESPBT series speakers within conventional stud and joist and plasterboard ceiling applications.

IMPORTANT SAFETY WARNING BEFORE USE PLEASE READ COMPLETELY AND USE THE PRODUCT IN ACCORDANCE WITH THESE SAFETY INSTRUCTIONS.

This product is supplied with a 15V dc power pack that runs from a 220-240V ac supply, and if there are additional electrical works required to provide a power source, these must be carried out by a licensed electrician in accordance with AS/NZS3000 wiring rules.

If the unit is to be used as a replacement for an existing product, remove the existing unit from its location and disconnect the plug from the socket. Ensure cables are not trapped and the powerpack is clear and away from insulation.

READ THE INSTRUCTIONS CAREFULLY BEFORE STARTING THE INSTALLATION PROCESS AND KEEP THEM SAFE FOR FUTURE REFERENCE.

- Failure to follow the instructions in this guide voids all warranties on your speakers.
- Warning: Do not use the product in water or near wet areas.
- Warning: Do not install speaker directly above any heat sources such as radiators, or other apparatus that creates heat.
- Protect the power cable from being damaged, do not over stretch cable.
- Where the speakers are powered from a 240V surface socket in the ceiling it is recommended to use an accessible wall mounted control switch to turn them on and off where required when not in use.
- Turn off the power to the speaker when unused for long periods of time.
- Ensure the speakers are not covered with insulation when installed in the ceiling.
- Ensure speaker location is free from obstructions such as electrical conduit, HVAC ducts or water lines.
- If used in applications where noise may be an issue such as ceiling spaces for multistorey installations for floor/ceiling positions, in-ceiling speaker boxes with sound insulation are available in the market that can be used with these products.
- To make sure that the unit will function normally, it must be used in rooms with a temperature between 5°C and 35°C.

BOX CONTENTS

Please ensure you read the entire instruction manual carefully before you commence any work. Carefully unpack the speakers from the packaging. Please check to ensure all the parts shown below are included.

If any parts of the speaker appear damaged, please contact your dealer/reseller immediately or contact www.gsme.com.au for direction.

1 Master active speaker with amplifier

1 15V dc 220-240V ac power supply

1 Passive speaker

10 metre speaker cable

2 speaker grilles

A cardboard cutting template is included in the box.

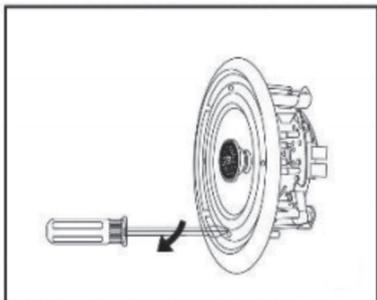
INSTALLATION

IMPORTANT: ANY ELECTRICAL WORK MUST BE CARRIED OUT BY A LICENSED ELECTRICIAN AND BEFORE COMMENCING WORK ENSURE THE SUPPLY IS SWITCHED OFF AT THE MAINS. IF POWER IS ALREADY INSTALLED THE PRODUCT CAN SIMPLY BE PLUGGED INTO THE SUPPLY SOCKET.

FOR NEW INSTALLATIONS:

1. Plan the most appropriate position for the speakers and mark out the position of the speaker using a tape measure and mark using a pencil. Make sure no obstruction is present prior to cutting. Use the marking/cutting template supplied to mark the diameter to be cut.
WARNING: ensure cut positions are away from electrical wires or gas/water pipes.
2. Drill a pilot hole and cut the speaker hole using a suitable cutting saw. Take caution when cutting to keep fingers away from cutting blade and wear protective eyewear.
3. Mark and cut the corresponding speaker positions.
4. Install a surface socket near the location the location where the master speaker will be located. It is recommended to also have a wall switch for control. This must be carried out by a licensed electrician in accordance with AS/NZS3000
5. Through the holes in the ceiling insert the speaker cable provided in the pack and run it through from each of the required holes. Strip the ends of the cables in preparation for connection to the terminal blocks on the speakers
6. Connect the passive (slave) speaker and wire and insert speaker into the ceiling. Using a screwdriver, lock the 4 dog leg fixings to secure the speaker in place but do not over tighten. Attach the magnetic grille to the speaker front.
7. Connect the passive speaker cables to the positions on the master speaker amplifier to correct terminations to provide the system with stereo balanced performance for the installation. Insert the 12V DC power supply plug into the amplifier. Plug the power pack into the pre-installed surface socket in the ceiling. Insert speaker into the ceiling then using a screwdriver lock the 4 dog leg fixings to secure the speaker in place, do not over tighten. Attach the magnetic grille to the speaker front.

8. Once master speaker is installed, turn power on and confirm the Bluetooth connection is functioning.



CONNECTING WITH BT

Connecting your BT device to the speaker, following the below steps:

1. Turn on BT on your device
2. Search for "BT Ceiling Speaker"
3. Connect with "BT Ceiling Speaker"

Your device is now connected.

DISCONNECTING OR RECONNECTING

If you want to change from BT-device, follow below steps:

1. Disconnect the current BT-device ("OFF")
2. Connect new BT-device by following above steps

If you move out of range or turn off the BT function on your BT-device, the BT of the speaker will disconnect. To reconnect turn on the BT on the desired device, it will reconnect.

PAINTING THE SPEAKER GRILLE:

If speaker grilles are required to be another colour such as black, do not paint the speaker grilles whilst attached to the speaker. It is recommended to remove them for spray painting using 5 parts thinning agent to 1 part paint. Spray thinly to ensure speaker cover grille holes are not blocked, as this will affect the sound quality of the speakers.

INSTALLATION IN FIRE-RATED CEILINGS

If you plan to mount your speakers in a fire-rated ceiling, you should purchase a fire hood for the speaker. Visit www.gsme.com.au for more information and recommended hoods available in the market.

HARD WIRED INPUT

To connect other devices such as CD player, Blu-Ray player etc. to play through the speakers please follow the steps below:

To play music via the speaker hard wired facility, connect RCA cable to L-R and Ground wire to the terminal marked AUX on the amplifier shown in "Image 1", these cables can then be connected to remote inputs such as RCA or Banana jacks in a wall plate located down a wall lower to the floor or elsewhere from the ceiling.

Note: To ensure the best possible sound without humming or noise or poor grounding, it is recommended to use quality shielded RCA cable.

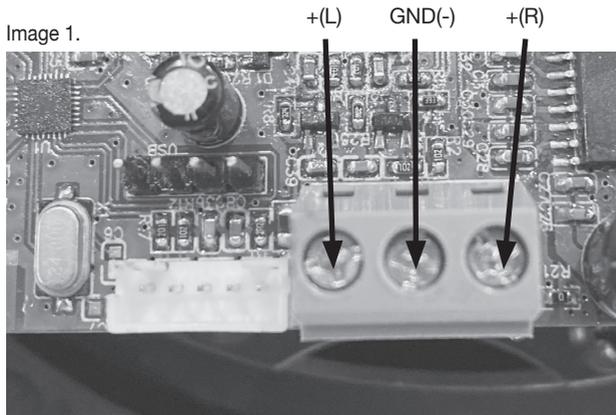


Image below shows example of a fixed wall connection link to the AUX terminals:



CREATE STEREO PAIR WITH PASSIVE SPEAKER

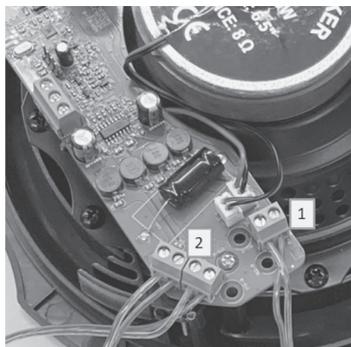
The active speaker containing the amplifier and power supply is designed to connect to the additional passive (slave) speaker in the MESPBT pack via the speaker output (+/-)

Use wire cutters to strip the ends of the speaker cable (if required) and connect to the terminals of the passive speaker and corresponding terminal at position (1) on the amplifier PCBA in "Image 2".

Please note there are three additional terminals on the amplifier to allow expansion to a 4-speaker system from the one powered active unit. To set up the first stereo pair ensure the first additional speaker is connected to the terminal marked (1). After this has been completed additional speakers can be connected to the other terminals at position (2) in "Image 2", if required.

These are available as individual expansion packs and purchased as MESPP. (One passive (slave) speaker and 10 metres of cable) per pack.

Image 2.



TROUBLESHOOTING

If a problem arises, please try the troubleshooting guide below.

If the problem is not listed please contact www.gsme.com.au

Customer Service: 1300 301808

Customer Service Email: service@gsme.com.au

Q: Speaker has not been found during Bluetooth setup

A: Please check power cord is correctly connected into speaker and transformer.

*Before commencing any electrical work ensure the supply is switched OFF at the mains.

Q: Speaker connected but not playing from device

A: Please ensure device has good Bluetooth connection and battery power and that volume is turned up. Failing this, turn the speaker power off then on.

Q: Can the speaker be installed into the bathroom ceiling?

A: This is not recommended, and other IP rated speakers should be used for this application

1 Year Warranty

One (1) Year Warranty

This product has been manufactured to the highest quality standards.

This product is warranted to the original purchaser and is not transferable.

The product is guaranteed to be free from defects in workmanship and parts for a period of 5 Years from the date of purchase. Defects that occur within this warranty period, under normal use and care will be repaired, replaced or refunded. The benefits conferred by this warranty are in addition to all other rights and remedies of the consumer under Commonwealth, State and Territory laws in relation to the goods or services to which this warranty relates and Australian Consumer Law. Risk in regard to the product to be repaired shall at all times remain with the Purchaser. The warranty is given on the condition that the product to which it applies is used for the purpose and in the manner intended by its construction and for no other purposes whatsoever. GSM Electrical (Australia) Pty Ltd shall not be responsible for damage of any kind, caused by accidents, power surges, electrical storm damage, incorrect power current, infestation (vermin or insect), incorrect installation, incorrect electricity or plumbing installation, improper use of controls or failure to use the product in accordance with the operating instructions, general misuse or abuse or from normal wear and tear. Any attempt by an unauthorised person to repair or tamper with the equipment shall render the warranty null and void.

GSM Electrical (Australia) Pty Ltd's liability under this warranty is limited to the replacement and/or repair of the defective parts within the warranty period and does not extend to installation or removal of the product.

Acceptance of liability by GSM Electrical (Australia) Pty Ltd contained herein is to the exclusion of any other remedy whatsoever and howsoever arising in respect of any equipment to which it applies.



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