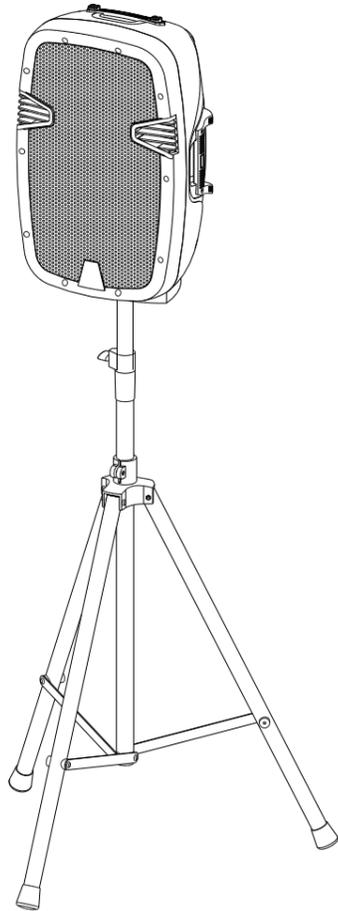


CS-2484 /CS-2486



Pole Mounting :This series also include a pole mount option. The pole mount socket located on the bottom of the speaker may be used to secure the speaker to a speaker tripod. Always be sure to follow the guidelines listed below when pole mounting your speaker.

1. Always be sure the stand is designed to support the weight of the speaker
2. In outdoor situations that are prone to windy conditions and strong wind gust , be sure to use sandbags as additional tripod support , this will greatly reduce the risk of tipping
3. Do not stack speakers on top of each other when mounting on a tripod. Only one speaker should be mounted to a tripod at one time
4. Always position the tripod legs away from foot traffic
5. Extend the tripod legs to their fully extended position to avoid accidental tipping
6. Observe and follow all safety guidelines and regulations specified by the tripod manufacturer
7. Be sure the tripod is situated on a flat ,level , and stable surface
8. Always tighten all tripod locks

12 " 15 " powered loudspeaker

OWNER'S MANUAL



CS-2484

CS-2486

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IMPORTANT SAFETY SYMBOLS

TECHNICAL SPECIFICATIONS

MODEL	CS-2484	CS-2486
POWER TYPE	CLASS A/B Bi-Amplified	CLASS A/B Bi-Amplified
POWER(RMS)	180W	200W
IMPED(ohm)	8	8
TWEETER	1.0 " 25mm Ti dome drive	1.0 " 25mm Ti dome drive
WOOFER	12 " 38.6mm voice coil/	15 " 55mm voice coil/
FREQUENCY	50Hz-20KHz	50Hz-20KHz
SENSITIVITY (1w@1m)	98db	98db
GROSSWEIGHT (Kg)	15.5	17.5
PACKAGE (HXWXD)(Mm)	635X420X340	760X490X405



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.



The symbol is used to indicate that some hazardous live terminals are involved within this apparatus, even under the normal operating conditions, which may be sufficient to constitute the risk of electric shock or death.



The symbol is used in the service documentation to indicate that specific component shall be replaced only by the component specified in that documentation for safety reasons.



Protective grounding terminal



Alternating current/voltage



Hazardous live terminal

ON: Denotes the apparatus is turned on

OFF: Denotes the apparatus is turned off.

WARNING: Describes precautions that should be observed to prevent the danger of injury or death to the operator.

CAUTION: Describes precautions that should be observed to prevent danger of the apparatus.

1. IMPORTANT SAFETY INSTRUCTIONS

- Read these instructions.
- Keep these instructions.
- Heed all warning.
- Follow all instructions.

• Water & Moisture

The apparatus should be protected from moisture and rain, can not used near water, for example: near bathtub, kitchen sink or a swimming pool, etc.

• Heat

The apparatus should be located away from the heat source such as radiators, stoves or other appliances that produce heat.

• Ventilation

Do not block areas of ventilation opening. Failure to do could result in fire. Always install accordance with the manufacturer's instructions.

• Object and Liquid Entry

Objects do not fall into and liquids are not spilled into the inside of the apparatus for safety.

• Power Cord and Plug

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

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 prong is provided for your safety. If the provided plug does not fit into your outlet, refer

to electrician for replacement.

• Power Supply

The apparatus should be connected to the power supply only of the type as marked on the apparatus or described in the manual. Failure to do could result in damage to the product and possibly the user.

Unplug this apparatus during lightning storms or when unused for long periods of time.

Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.

• Fuse

To prevent the risk of fire and damaging the unit, please use only of the recommended fuse type as described in the manual. Before replacing the fuse, make sure the unit turned off and disconnected from the AC outlet.

• Electrical Connection

Improper electrical wiring may invalidate the product warranty.

• Cleaning

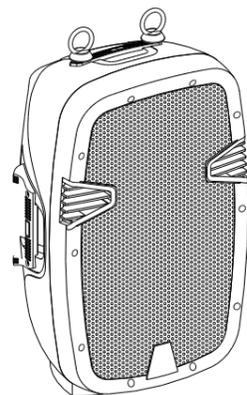
Clean only with a dry cloth. Do not use any solvents such as benzol or alcohol.

• Servicing

Do not implement any servicing other than those means described in the manual. Refer all servicing to qualified service personnel only.

- Only use accessories/attachments or parts recommended by the manufacturer.

Rigging and Mounting Options



Rigging Points : This series speakers include four rigging points. These points are detailed on page six. The rigging points are used to fly or suspend the speaker in the air by some means.

Introduction

Introduction : Congratulations and thank you for purchasing the CS-2484 and CS-2486 professional sound reinforcement loudspeaker . This loudspeaker is a representation of our continuing commitment to produce the best and highest quality audio products possible at an affordable price. cs-2484 and cs-2486 are a two-way active loudspeaker encased in a light weight cabinet . This speaker has been designed to be used as both a portable and a permanently installed unit . The speaker includes a poll mount slot and rubber feet on the bottom of the unit for portable applications and also includes rigging points on the top ,and bottom of the unit for permanent and flight installations . Please read and understand this manual completely before attempting to operate your new speaker system . This booklet contains important information concerning the proper and safe operation of you new speaker.

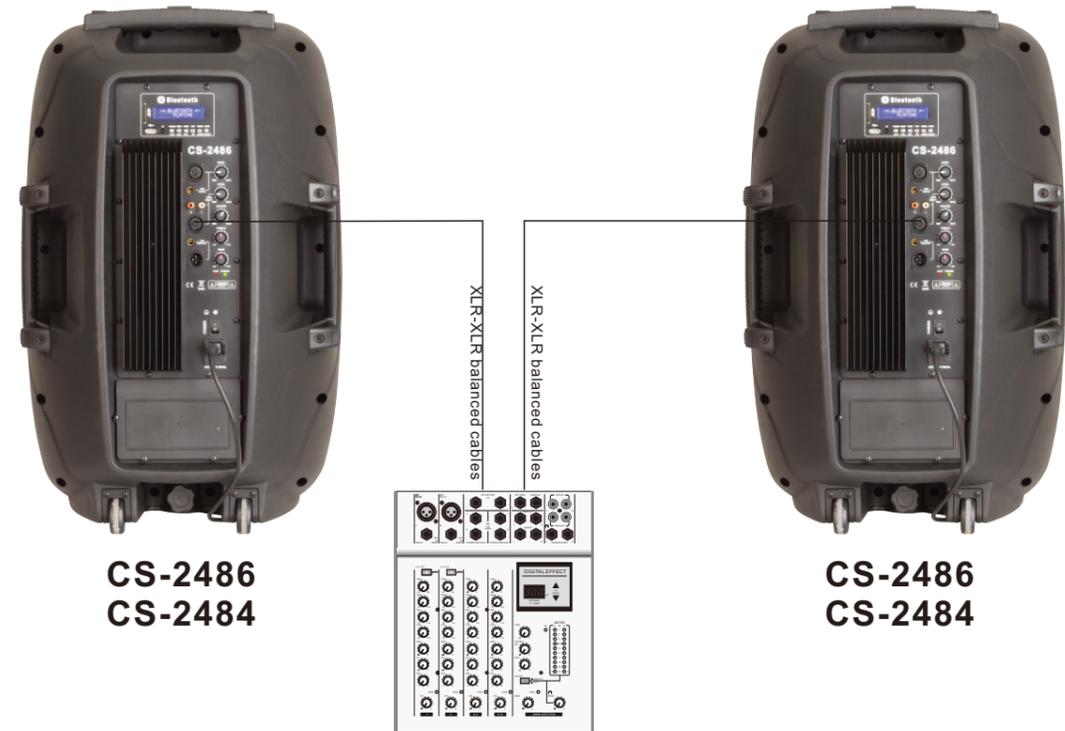
Caution ! There are no user serviceable parts inside this speaker . Do not attempt any repairs , without being instructed to do so by an authorized our technician . Doing so will void your manufactures warranty . In the unlikely event your speaker may require service , please contact us.

Unpacking : Every CS-2484 and CS-2486 has been thoroughly tested and has been shipped in perfect operating condition . Carefully check the shipping carton for damage that may have occurred during shipping . If the carton appears to be damaged carefully inspect your units for any damage and be sure all accessories necessary to operate the system have arrived intact . In the event damage has been found or parts are missing , please contact our toll free customer support number for further instructions . Please do not return the speaker to your dealer without first contacting customer support .

Main Features

1. 2-way, active bi-amplified speaker system
2. Low Frequency driver and Titanium High Frequency compression driver provide exceptional clarity, high power handling capability and maximum efficiency
3. State-of-the-art, high efficiency switch mode power supply with a class A/B low frequency power amplifier and a class A/B high frequency amplifier .
4. Active signal limiting system with LED indicator on rear panel
5. Flyable & stand mountable
6. Treble, bass and volume output control
7. One microphone inputs (XLR & 1/4 " stereo) with separate microphone volume control
8. Treble, bass and volume output control
- 9.XLR & RCA line inputs
10. XLR through output
- 11.Time Aligned Electronic Crossover
12. Full Protection system: DC, overload, short circuit, thermal, On / Off mute and LF / HF Limiters
13. Enclosure Material Injection Moulded Polypropylene

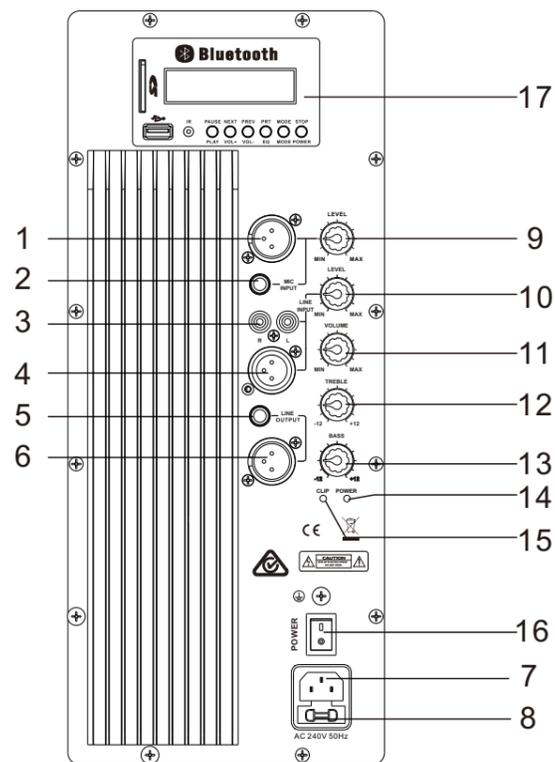
Typical speaker output setup



CS-2484 CS-2486 SPEAKER LOOPING



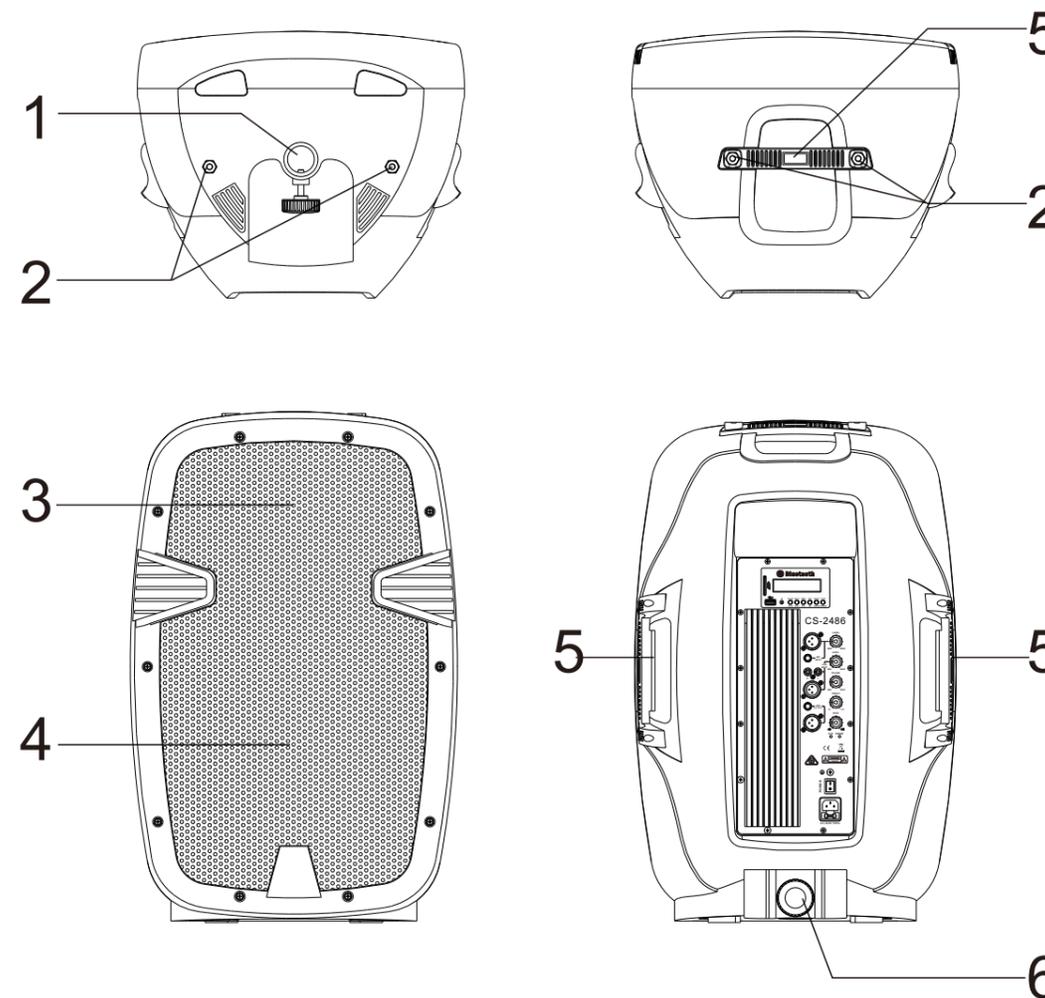
CS-2484 /CS-2486 REAR PANEL DESCRIPTION



1. Mic XLR Input - Plug a mic directly into this port for public address usage and let your voice be heard.
2. 1/4" MIC Input - Plug a mic directly into this port.
3. Balanced RCA Line Input - This connection is designed to accept a balanced line input signal from a mixer or other line level device with a balanced output jack. Use a balanced cable when the signal cable length exceeds 15 feet, this will reduce excessive signal loss. Be sure to connect only line level input devices such as mixers and tape machines to this jack.
4. Balanced XLR Line Input - This connection is designed to accept a balanced line input signal from a mixer or other line level device with a balanced output jack. Use a balanced cable when the signal cable length exceeds 15 feet, this will reduce excessive signal loss.
5. 1/4" Line Output Jack - This jack is used to send the incoming line level signal from either of the Line Level Inputs Jacks to other powered speaker.
5. 1/4" Line Output Jack - This jack is used to send the incoming line level signal from either of the Line Level Inputs Jacks to other powered speaker.

6. XLR LINE Output - Using a XLR cable, use this port to daisy chain from your this speaker to other powered speaker.
7. Main Power Inlet - This connector is used to supply main power to the unit via the included detachable power cord.
8. Fuse Holder - This housing stores the 3.15 amp GMA protective fuse. Always replace with the exact same type fuse, unless otherwise instructed,
9. Microphone input Volume - This knob is used to increase or decrease the volume output on your speaker.
10. Line level input volume - This knob is used to regulate the output signal of the line level source connected to the Line Level Inputs.
11. output volume - This knob is used to regulate the output signal being sent to other powered speaker.
12. Treble control - This knob is used to regulate the amount of treble applied to the output signal. The maximum amount of treble gain is +12dB and the maximum amount of treble decrease is -12dB. Turning the knob in a counter-clockwise direction will decrease the amount of treble applied to a channel signal, turning the knob in a clockwise direction will increase the amount of treble applied to a channel signal.
13. Bass Control - This knob is used to regulate the amount of bass applied to the output signal. The maximum amount of bass gain is +12dB and the maximum amount of bass decrease is -12dB. Turning the knob in a counter-clockwise direction will decrease the amount of bass applied to a channel signal, turning the knob in a clockwise direction will increase the amount of bass applied to a channel signal.
14. Power indicator led - LED lights up to indicate the speaker is on.
15. Clip Led - If this LED is lit it means your signal is clipping. To stop the signal from clipping lower the volume to the point where the LED is blinking along with the bass beat.
16. MAIN POWER SWITCH - This is the main power ON/OFF button, Before main power is applied, be sure you have made all connections to the speaker, Remember to avoid damaging pops to the speakers, the mixer is turned on first and turned off last.
17. Mp3 player

Controls and Features



1. **POLE MOUNT SOCKET**-This socket is designed to fit a standard speaker pole mount or tripod speaker stand.
2. **RIGGING POINTS**-This series speaker has rigging points. These points are to be used to fly or suspend the speaker in the air by some means. Be sure to follow the flying outlines.
3. **HIGH FREQUENCY TRANSDUCER** - This unit is used to reproduce the high frequency response..
4. **WOOFER**-The high-powered woofer is used to reproduce the midrange and low frequencies.
5. **TRANSPORT HANDLE**-This series speakers come with built-in heavy-duty transportation handle. Use this handle for secure and easy transportation.
6. **POLE MOUNT LOCKING BOLT**- This pin is used to secure the speaker in place when mounting the speaker in a pole mount configuration. Always be sure to tighten down on the locking bolt to prevent the speaker from shifting during use.