



BXT210M

**Bass Monitor
Cabinet**





Ampeg BXT210M Bass Monitor Cabinet

Thank you for selecting the Ampeg BXT210M Bass Monitor enclosure. The BXT210M is a high-quality two-way speaker cabinet suitable for all sizes of venues as a stage monitor or as part of a multiple cabinet system.

The cabinet is constructed of 13-ply Baltic Birch and features a heavy duty recessed handle, a heavy duty metal grille and stacking corners for use in multiple BXT cabinet arrays. The jackplate provides the input/output connections and an attenuator for setting the level of the high frequency driver.

The new cast-frame speakers feature edge-wound aluminum voice coils. A TRACTRIX wave-guide coaxial horn flare is used to produce tight, clean, high frequencies.

The BXT210 Bass Monitor cabinet has an impedance of 4 ohms. Always make sure to match the impedance of your cabinet(s) to the amplifier(s) powering them. (A mismatch between an amplifier's rated output impedance and the input impedance of a speaker cabinet can cause poor sound, overheating and possible component damage.)

IMPORTANT SAFETY INSTRUCTIONS:

1. Read, follow and keep these instructions. Heed all warnings.
2. This speaker is capable of producing high sound pressure levels that may cause permanent hearing damage. User caution is advised and ear protection is recommended during use.
3. Installations should be performed by a professional installer in accordance with local building codes.
4. Speaker cables are a tripping hazard and must be routed out of traffic areas and away from any possible accidental contact.
5. Do not expose this speaker to rain or moisture. Do not place liquid filled containers on this speaker. Clean only with a damp cloth.
6. Repair or service of this speaker should be performed only by qualified personnel.

The BXT210M Jackplate:

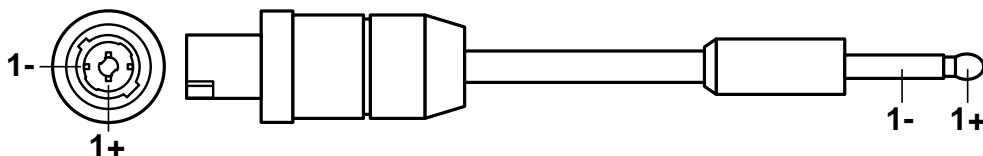
- 1: 1/4" Input/Output Jacks
- 2: Speakon® Input/Output Jacks
- 3: High Frequency Horn Level Control



The Speakon® and 1/4" jacks are wired in parallel, allowing easy daisy chaining from one speaker to another. Each of the jacks may be used as an input or a through connection.

Speakon® connectors are recognized as the standard for professional installations, assuring a secure, permanent connection that won't corrode, vibrate loose or be easily tampered with. The 1/4" jacks are convenient. However, the Speakon® jacks are recommended when using power amplifiers over 150 watts, for permanent installations, or for the "first" speaker among a number of daisy chained speakers.

Speakon® to 1/4" Wiring Diagram:



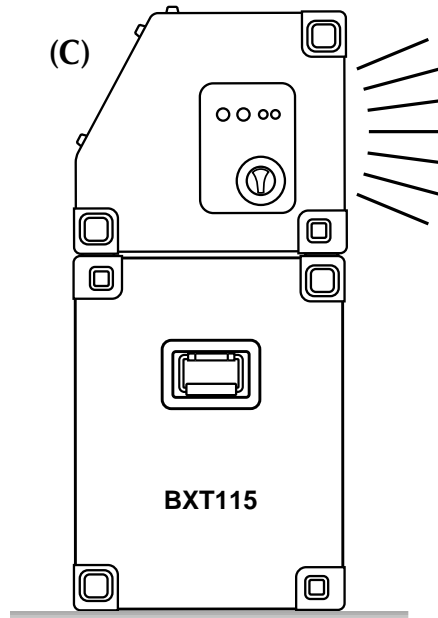
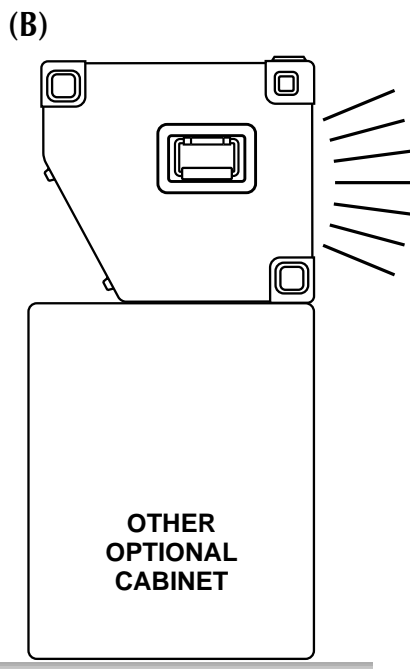
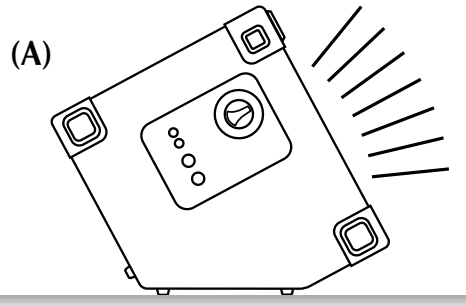
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The “vocal monitor” styling of the BXT210M enclosure allows for many setup options. For example:

(A) The BXT210M can be the only bass cabinet for small venues, or as a stage monitor in larger venues where the bass amp is also connected to the house sound system or other bass cabinets in a backline system.

(B) The BXT210M is stable enough in the standard forward-firing position that it may be placed on another sturdy cabinet.

(C) The cabinet dimensions are configured so the stacking corners will interlock with those of other BXT Series cabinets.

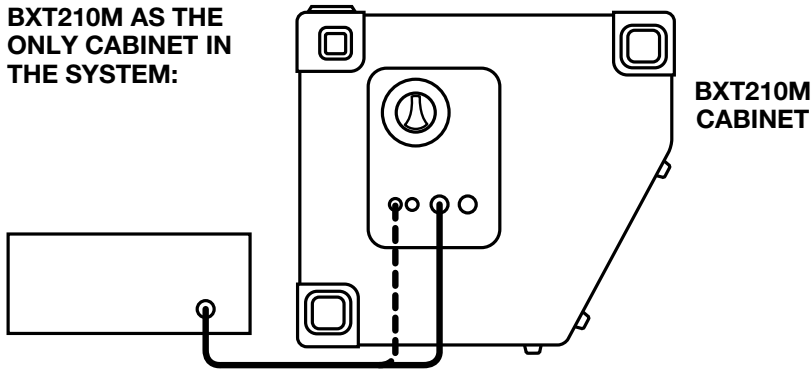




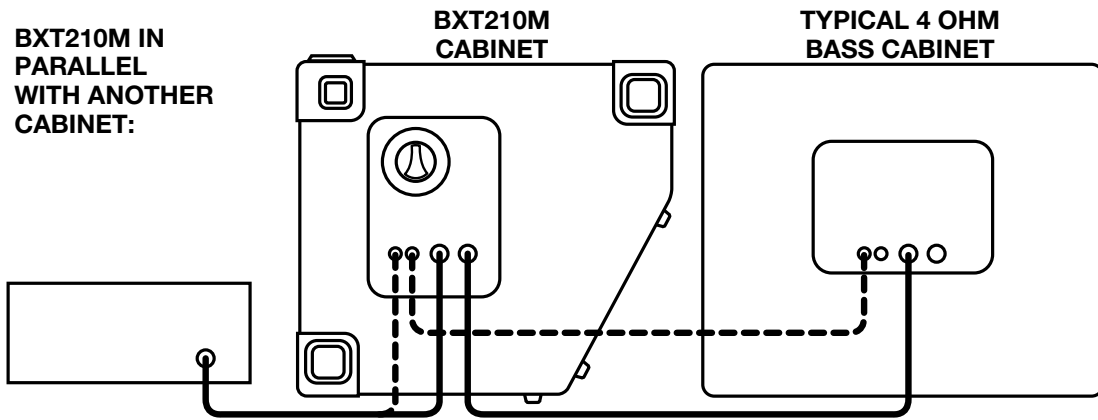
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Examples of Different Applications for the BXT210M:

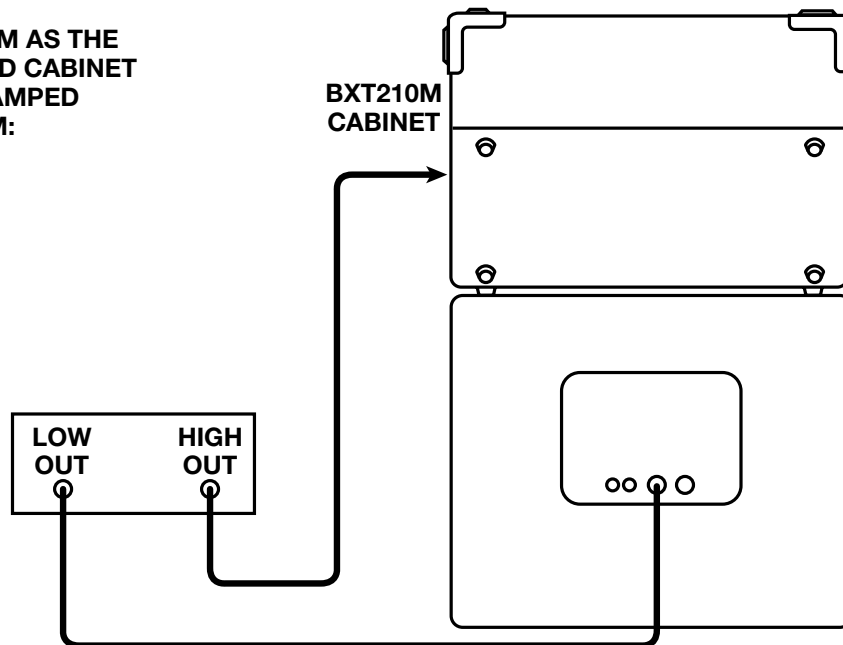
BXT210M AS THE ONLY CABINET IN THE SYSTEM:



BXT210M IN PARALLEL WITH ANOTHER CABINET:



BXT210M AS THE TOP END CABINET IN A BIAMPED SYSTEM:



BXT210M

Bass Monitor Cabinet

TECHNICAL SPECIFICATIONS:

TYPE	2x10 Bass Monitor Cabinet	
FREQ RESPONSE (+/-3dB)	45Hz – 18kHz	
USABLE LOW FREQ (-10dB)	38Hz	35Hz
RMS POWER HANDLING	400 watts	
PEAK POWER HANDLING	800 watts	
IMPEDANCE	4 ohms	
SENSITIVITY	99dB SPL 1w/1m	
MAXIMUM SPL	119dB	
COMPONENTS	1 10" cast frame full range w/2-1/2" dia edge-wound aluminum voice coil 1 10" cast frame coaxial w/edge-wound aluminum voice coil 1 1" phenolic dome 10 oz HF driver	
CROSSOVER FREQUENCY	5kHz	
DIMENSIONS (H x W x D)	15-1/2" x 23" x 17-3/4"	
WEIGHT	61 lbs.	

Ampeg continually develops new products, as well as improves existing ones. For this reason, the specifications and information in this manual are subject to change without notice.

Ampeg – The Power of Bass



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