

FBT X-Lite 112A

FBT X-Lite 112A Professional Active Speaker User Manual

Model: X-Lite 112A

1. INTRODUCTION AND OVERVIEW

This manual provides comprehensive instructions for the safe and effective operation of your FBT X-Lite 112A Professional 12-inch Active Speaker. The FBT X-Lite 112A is a lightweight, bi-amplified system featuring an integrated 3-channel mixer and Bluetooth 5.0 connectivity, designed for high-fidelity audio reproduction in various applications.



Figure 1.1: Front view of the FBT X-Lite 112A Professional Active Speaker. This image shows the speaker's front grille and the FBT logo at the bottom.



Figure 1.2: Angled view of the FBT X-Lite 112A Professional Active Speaker, highlighting its polypropylene molded enclosure and side handle for portability.

2. WHAT'S IN THE BOX

Upon unpacking your FBT X-Lite 112A, please ensure all components are present and in good condition:

- FBT X-Lite 112A 12-inch Active Speaker with Integrated 3-Channels Mixer
- Power Cord
- User Manual (this document)

If any items are missing or damaged, please contact your retailer or FBT customer support immediately.

3. FEATURES AND HIGHLIGHTS

The FBT X-Lite 112A is engineered with advanced features for superior audio performance and versatility:

- **Bi-Amplified System:** Features a 1200W low frequency amplifier and a 300W high frequency amplifier for optimal power distribution.
- **Integrated 3-Channel Mixer:** Allows for direct connection of multiple audio sources.
- **Bluetooth 5.0 Connectivity:** Enables wireless audio streaming from compatible devices.
- **DSP Presets:** Four selectable Digital Signal Processing presets to optimize sound for various

applications.

- **Lightweight Polypropylene Enclosure:** Rugged yet lightweight construction for easy transport and durability.
- **Versatile Mounting Options:** Includes a standard 1.38-inch speaker stand socket and M10 rigging points for fixed installations or use as a floor monitor.
- **Switch Mode Power Supply:** Universal 100-240 VAC power supply for global compatibility.

4. SETUP

Follow these steps to set up your FBT X-Lite 112A speaker:

1. **Placement:** Position the speaker on a stable, flat surface, a speaker stand, or suspend it using appropriate rigging hardware. The asymmetrical design allows for use as a floor monitor.
2. **Power Connection:** Connect the provided power cord to the speaker's power input and then to a suitable electrical outlet (100-240 VAC). Ensure the power switch is in the "OFF" position before connecting.
3. **Audio Connections:**
 - **Channel 1 & 2 (Micro-Line/XLR):** Connect microphones or line-level devices using XLR or 1/4" TRS/TS cables. Use the corresponding MIC/LINE selector switch to match the input signal level.
 - **Channel 3 (Stereo/Bluetooth):** Connect stereo line-level devices via RCA or 1/4" TRS inputs. This channel also supports Bluetooth audio streaming.
4. **Output Connection (Optional):** If linking multiple speakers, connect the XLR output from the first speaker to the input of the next speaker. Use the CH1 or MIX LINK selector to determine the output signal.
5. **Power On:** Once all connections are secure, switch the power button to the "ON" position. The power indicator LED will illuminate.

5. OPERATING INSTRUCTIONS

Understanding the control panel is key to operating your FBT X-Lite 112A speaker effectively.



Figure 5.1: Detailed view of the FBT X-Lite 112A control panel, showing inputs, outputs, level controls, DSP presets, and Bluetooth pairing button.

5.1. Mixer Controls

- **CH 1 & CH 2 LEVEL:** Adjusts the input gain for Channel 1 and Channel 2.
- **MIC/LINE Selector:** Switches the input sensitivity between microphone level and line level for Channels 1 and 2. Ensure this matches your connected device to prevent distortion or low signal.
- **HP FILTER:** Activates a high-pass filter to cut low frequencies, useful for vocal applications to reduce rumble.
- **PRT/LIMIT LED:** Illuminates to indicate signal clipping (PRT) or limiter activation (LIMIT). Adjust input levels to avoid constant illumination.
- **CH 3 LEVEL:** Adjusts the input gain for Channel 3 (Stereo/Bluetooth).
- **MIX OUT / CH1 LINK:** Selects whether the XLR output carries a mix of all channels or only the signal from Channel 1.

5.2. DSP Presets

The FBT X-Lite 112A features four DSP presets to optimize the speaker's sound for different applications:

- **ORIGINAL / LIVE:** Standard flat response for general live sound reinforcement.

- **FLOOR / VOCAL:** Optimized for use as a floor monitor or for vocal clarity.
- **CLUB:** Enhanced bass and treble for music playback in club environments.
- **DJ:** Specific EQ curve for DJ applications, often with boosted lows and highs.

Use the **PRESET DSP** button to cycle through these options. The corresponding LED will indicate the active preset.

5.3. Bluetooth Pairing

To connect a Bluetooth device to your FBT X-Lite 112A:

1. Ensure the speaker is powered on.
2. Press the **PAIR** button on the control panel. The Bluetooth LED will flash, indicating it is in pairing mode.
3. On your Bluetooth-enabled device (e.g., smartphone, tablet), search for available Bluetooth devices.
4. Select "FBT X-Lite 112A" from the list.
5. Once paired, the Bluetooth LED on the speaker will illuminate steadily. You can now stream audio wirelessly to the speaker.

The Bluetooth 5.0 technology provides a reliable connection up to 10 meters (33 feet).

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FBT X-Lite 112A speaker:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. For stubborn dirt, a slightly damp cloth with mild soap can be used, ensuring no liquid enters the speaker grilles or control panel. Do not use abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the speaker in a cool, dry environment, away from direct sunlight and extreme temperatures.
- **Ventilation:** Ensure proper airflow around the amplifier section to prevent overheating. Do not block ventilation openings.
- **Cable Management:** Regularly inspect power and audio cables for any signs of wear or damage. Replace damaged cables immediately.

7. TROUBLESHOOTING

If you encounter issues with your FBT X-Lite 112A, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
No Power	Power cord disconnected; Power outlet faulty; Speaker power switch off.	Ensure power cord is securely connected. Test the power outlet. Turn the speaker power switch to "ON".

Problem	Possible Cause	Solution
No Sound Output	Input level too low; Incorrect input selected; Damaged audio cable; Source device issues; DSP preset issue.	Increase channel level. Verify correct input connection. Test with a different audio cable. Check source device output. Try a different DSP preset.
Distorted Sound	Input level too high (clipping); MIC/LINE switch incorrect; Damaged speaker component.	Reduce input level until PRT/LIMIT LED no longer illuminates constantly. Ensure MIC/LINE switch matches input source. If distortion persists, contact support.
Bluetooth Pairing Failure	Speaker not in pairing mode; Device too far; Interference; Device already paired to another speaker.	Press PAIR button on speaker. Move device closer to speaker. Reduce interference sources. Disconnect device from other Bluetooth speakers.

If the problem persists after attempting these solutions, please contact FBT customer support for further assistance.

8. SPECIFICATIONS

Detailed technical specifications for the FBT X-Lite 112A Professional Active Speaker:



Figure 8.1: Dimensions of the FBT X-Lite 112A speaker: 17"D x 28"W x 17"H.

Feature	Detail
Model Name	X-Lite 112A
Speaker Type	Woofer
Special Feature	Lightweight
Recommended Uses	For Surround Sound Systems
Compatible Devices	Smartphone
Woofer Diameter	12 Inches
HF Compression Driver	1" throat / 1.4" voice coil
Unit Count	1.0 Count

Feature	Detail
Surround Sound Channel Configuration	2.0
Color	Black
Product Dimensions (D x W x H)	17"D x 28"W x 17"H
Is Waterproof	False
Warranty Type	Limited
Number of Items	1
Control Method	Touch
Wireless Communication Technology	Bluetooth
Speaker Size	12 Inches
Power Source	Corded Electric
Water Resistance Level	Not Water Resistant
Audio Driver Type	Dynamic Driver
Bluetooth Range	10 Meters (33 feet)
Audio Driver Size	12 Inches
Connectivity Protocol	Bluetooth
Includes MP3 player?	No
Number Of Circuits	1
Manufacturer	FBT
Item Weight	41 pounds
ASIN	B09JKSS3JW
Item model number	X-Lite 112A
Date First Available	January 1, 2024
Brand	FBT
Speaker Maximum Output Power	1500 Watts
Connectivity Technology	Bluetooth, XLR
Audio Output Mode	Stereo
Mounting Type	Floor Standing

Feature	Detail
Frequency Range	50Hz - 20kHz
Maximum SPL	129dB
Horn Directivity	90°H x 60°V
Monitor Taper	30° / 45°

9. WARRANTY AND SUPPORT

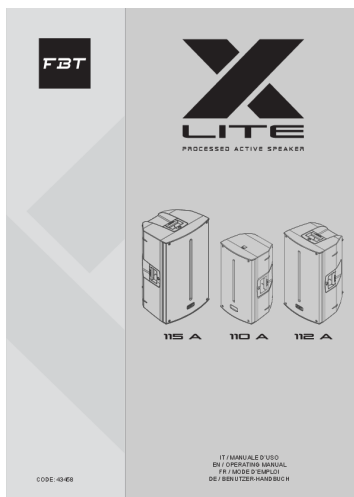
The FBT X-Lite 112A Professional Active Speaker comes with a **Limited Warranty**. For specific terms and conditions of the warranty, please refer to the warranty card included with your product or visit the official FBT website.

For technical support, service, or warranty claims, please contact FBT customer service through their official website or authorized service centers. Keep your proof of purchase for warranty validation.

FBT Official Website: www.fbt.it

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Documents - FBT – X-Lite 112A

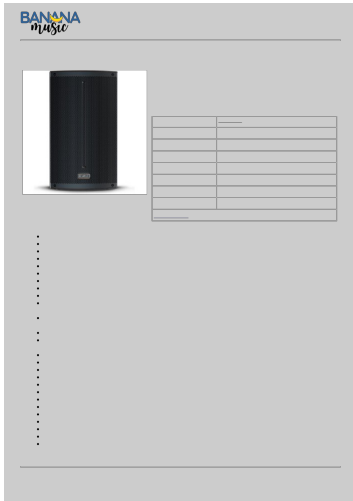


[\[pdf\]](#) User Manual Specifications Dimension Guide Accessories Diagram

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Impianti audio Casse Audio Casse Attive con Mixer Integrato 254019 EAN:

8034138435436 www.bananamusic.it FBT **X-LITE 112A** FBT **X-LITE 112A** un

diffusore amplificato da 1000 watt con bluetooth 5.0 e mixer 3 canali, equipaggiato di altoparlante 12 custom FBT ad alta efficienza, box in polipropile...

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StrumentiMusicali.net giovedì 28 agosto, 2025

Diffusori > Diffusori Attivi

FBT X-Lite 112A Usato

 Cod.Art. : 201129

CASSA ATTIVA 12" 1500W

La serie X-LITE è stata rinnovata con la riprogettazione di tutta l'elettronica che ha permesso di aumentare la potenza ed aggiungere importanti novità, quali un mixer a 3 canali e l'impiego di Bluetooth 5.0 per lo streaming di audio da smartphone e tablet, oltre all'impiego di altoparlanti più performanti capaci di generare una pressione sonora più alta.

Nuova anche l' "Active Self" equipaggiato con alimentatore switching con cambio tensione automatico in grado di funzionare nel range 100-240V.

Due canali in Classe D ad alta efficienza, un mixer a tre canali con due ingressi micro, un ingresso stereo e un canale per lo streaming audio wireless con protocollo Bluetooth 5.0 (compatibile con le versioni precedenti che permette il riconoscimento simultaneo di due diffusori con la possibilità di controllarne il volume da remoto).

L'introduzione di un ventilatore con controllo intelligente del numero di giri permette di mantenere bassa temperatura di esercizio dell'amplificatore, garantendone la silenziosità.

Caratteristiche

- Configurazione: 2 Vie
- Amplificatore integrato LHM: 1200/300W
- Risposta in frequenza: 30Hz - 20kHz
- Woofer a bassa frequenza: 12" bobina 2.5"
- Driver ad alta frequenza: 1" bobina 1.4"
- SPL continuo/picco: 125/130dB max
- Dimensione: 36x45x50
- Impedenza di ingresso: 22 x Ohm
- Corrente di ingresso: 16A in/Out, jack stereo
- Cavo di alimentazione: 3m

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[pdf] Datasheet

FBT X Lite 112A Usato Strumenti MusicaliFBT Cod Art 201129 CASSA ATTIVA 12 1500W La serie

Dimensioni 356 x 619 357mm Peso 16 3kgdocstrumentimusicali net datasheet products id |||

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439 00 € tax included 18 ore fa — ingresso stereo e un canale per lo streaming audio wireless con protocollo BLUETOOTH 5 0 compatibile le versioni precedenti che permette il product 93616 musicalbox module productto view id |||

FBT **X-LITE 112A** COPPIA - BUNDLE 439,00 tax included Reference:

FBXLITE112AKIT1 FBT **X-LITE 112A** COPPIA SPEAKER ATTIVO BLUETOOTH

1x15 1500W - 129dB - INCLUDE COVER 2 x FBT X-Lite 112A 2 XL-C 12 La serie X-LITE stata rinnovata con la riprogettazione di tutta l'elettronica che ha permesso di aum...

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FBT X-LITE 112A

FBT X-LITE 112A is unknown

Šifra: 16799
Kategorija proizvoda: Aktivne Zvucne Kutije
Proizvođač: FBT

Cena: 65.880,00 rsd

PRODUCT DESCRIPTION

The FBT X-LITE 112A is two way design incorporating a 12" low frequency woofer and 3" HF compression driver coupled to a 90°H x 60°V constant directivity horn. With a frequency range of 50Hz - 20KHz the FBT X-LITE 112A speaker provide high fidelity sound for both speech and music applications with a maximum SPL of 126dB.

The bi-amplified FBT X-LITE 112A active speaker feature a 1200W low frequency amp and a 300W high frequency amp.

The control panel features a three-channel mixer with two mic-line inputs, a stereo input and a dedicated channel for bluetooth 5.0. Two air inputs, stereo input, XLR output with CH1 or mix link selector, HP filter, two mic-line selectors, DSP preset selector, Bluetooth 5.0 with pairing led, 4 x MED rigging points built-in into the cabinet along with the optional mounting bracket allow the FBT X-LITE 112A speaker to be surface mounted on wall or ceiling.

A standard 1.38" speaker stand socket allows the FBT X-LITE 112A to be mounted on speaker stand.

KEY FEATURES

2-way bi-amplified system in bass reflex
Polypropylene moulded enclosure
Woofer custom 12" LF / 2.5" voice coil
3" throat 3.4" voice coil HF compression driver
1200/300W built in amplifier (L/R)HP
Bluetooth 5.0
3 channel mixer
4 DSP presets
357 / 457 monitor Lager
Universal switching mode power supply 100-240 VAC
MED rigging points
4 DSP presets

SPECIFICATIONS

Configuration: 2 way
Frequency response: 50Hz - 2000Hz
Low Frequency woofer: 12" / 2.5" VC
High Frequency driver: 3" / 3.4" VC
Maximum SPL, continuous: 124 / 129
Dispersion: 90 x 60
Input impedance: 22
Input connector: XLR INPUT, Jack 5T
Net Dimension (W x H x D): 356 x 538 x 357
Net Weight: 16.9 KG
Transport Dimension (W x H x D): 440 x 700 x 445

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FBT

X-LITE

APPLICATIONS

- Band P.A.
- Personal monitor
- Small theatres
- Auditoriums
- Piano bar
- DJ Stage monitor
- Conference rooms
- Fixed installations in live clubs
- Pubs
- Gyms

X-LITE 112A

2-WAY ACTIVE PA SPEAKER

KEY FEATURES

- 2-way bi-amplified system in bass reflex
- Polypropylene moulded enclosure
- Woofer custom 12" LF / 2.5" voice coil
- 3" throat 3.4" voice coil HF compression driver
- 1200/300W built in amplifier (L/R)HP
- Bluetooth 5.0
- 3 channel mixer
- 357 / 457 monitor Lager
- Universal switching mode power supply 100-240 VAC
- MED rigging points
- 4 DSP presets

PRODUCT DESCRIPTION

The FBT X-LITE 112A is two way design incorporating a 12" low frequency woofer and 3" HF compression driver coupled to a 90°H x 60°V constant directivity horn. With a frequency range of 50Hz - 20KHz the FBT X-LITE 112A speaker provide high fidelity sound for both speech and music applications with a maximum SPL of 126dB.

The bi-amplified FBT X-LITE 112A active speaker feature a 1200W low frequency amp and a 300W high frequency amp. The control panel features a three-channel mixer with two mic-line inputs, a stereo input and a dedicated channel for bluetooth 5.0. Two air inputs, stereo input, XLR output with CH1 or mix link selector, HP filter, two mic-line selectors, DSP preset selector, Bluetooth 5.0 with pairing led, 4 x MED rigging points built-in into the cabinet along with the optional mounting bracket allow the FBT X-LITE 112A speaker to be surface mounted on wall or ceiling. A standard 1.38" speaker stand socket allows the FBT X-LITE 112A to be mounted on speaker stand.

ELECTRONICAL SPECIFICATIONS

System Type	2 way	Low Frequency Woofer	12" / 2.5" VC
Interchangeable* peak LF/HP	1000/3000	High Frequency Driver	3" / 3.4" VC
Impedance/Impedance	22 ohms	Input Connectors	XLR INPUT, Jack 5T
Frequency Response	50Hz - 2000Hz	Net Dimension (W x H x D)	356 x 538 x 357
Maximum SPL at 1m	124/129 dB	Shipping Dimensions (W x H x D)	440 x 700 x 445
Distortion	<0.1%	Shipping Dimensions (W x H x D)	440 x 700 x 445
AC Power Requirement	100-240V	Net Weight	16.9 kg

PHYSICAL SPECIFICATIONS

Net Weight	16.9 kg
Shipping Weight	41.0 kg
Shipping Material	Polypropylene
Color	Black / White / Silver / Gold
Power Cord	1.5 m

APPLICATIONS Band P.A. Personal monitor Small theatres Auditoriums Piano bar DJ Stage monitor Conference rooms Fixed installations in live clubs Pubs Gyms KEY FEATURES 2-way bi-amplified system in bass reflex Polypropylene molded enclosure Woofer custom 12 LF / 2.5 voice coil 1 ...

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