

Hk Audio SONAR-112-XI

Hk Audio SONAR-112-XI 800 Watt 12" Powered Speaker User Manual

Model: SONAR-112-XI | Brand: Hk Audio

1. PRODUCT OVERVIEW

The SONAR 112 Xi is an active, state-of-the-art loudspeaker designed for various sound reinforcement scenarios, including speech applications and musical performances. It functions effectively as a full-range speaker, a stage monitor, or when combined with a subwoofer for extended bass response.

Engineered with powerful components and meticulous HK Audio acoustic design, the SONAR 112 Xi delivers an impressive sound experience with robust bass. It features three input channels: two for microphone or line-level signals, and one AUX channel that supports both analog signals and Bluetooth 5.0 connectivity. For enhanced audio setups, music can be streamed in stereo to two SONAR Xi speakers using Bluetooth TWS (True Wireless Stereo) technology.

User control is intuitive, with a rotary control and color display allowing adjustment of volume and a 3-band EQ for each channel. Additionally, all functions can be conveniently controlled remotely via the free SONAR REMOTE app, available for both iOS and Android devices.

Key Features:

- Active, state-of-the-art loudspeaker suitable for medium-sized sound reinforcement.
- Intuitive app control simplifies operation, potentially eliminating the need for an external mixing console.
- Expandable into a larger PA system with the SONAR 115 Sub D subwoofer.
- Equipped with 2 x SingleGrip carrying handles for easy transport.
- Features a durable steel front grille with anticorrosive coating and backed acoustic foam.



Figure 1: Front view of the SONAR-112-XI powered speaker, showcasing its robust grille and integrated handles.

2. PACKAGE CONTENTS

Upon unpacking your SONAR-112-XI speaker, please ensure all components are present and in good condition. The standard package includes:

- 1 x SONAR-112-XI Powered Speaker
- 1 x Power Cable
- 1 x User Manual (this document)

If any items are missing or damaged, please contact your dealer or HK Audio customer support immediately.

3. SETUP

3.1 Unpacking and Placement

1. Carefully remove the speaker from its packaging. Retain the packaging for future transport or storage.
2. Place the speaker on a stable, flat surface, or mount it on a compatible speaker stand. The SONAR-112-XI can also be used as a stage monitor by placing it on its side.
3. Ensure adequate ventilation around the speaker, especially around the rear panel where the amplifier and cooling vents are located.



Figure 2: The SONAR-112-XI can be positioned as a stage monitor for optimal sound projection towards performers.



Figure 3: Bottom view illustrating the integrated pole mount for stand-alone setup.

3.2 Power Connection

1. Connect the supplied power cable to the AC input on the rear panel of the speaker.
2. Plug the other end of the power cable into a suitable grounded AC outlet.
3. Ensure the power switch on the rear panel is in the "OFF" position before connecting to power.

3.3 Input Connections

The SONAR-112-XI features multiple input options on its rear panel:

- **Channels 1 & 2 (Mic/Line):** These inputs accept both XLR and 1/4" (6.35mm) TRS/TS connectors for microphones or line-level audio sources.
- **Channel 3 (AUX In):** This input accepts 1/8" (3.5mm) stereo mini-jack for connecting devices like smartphones or tablets. It also supports Bluetooth audio streaming.
- **Mix Out:** An XLR output for sending the mixed audio signal to another speaker or audio device.



Figure 4: Rear panel of the SONAR-112-XI, displaying the input channels, controls, and power connection.



Figure 5: Detailed view of the SONAR-112-XI control panel, highlighting input knobs, display, and master control.

4. OPERATING INSTRUCTIONS

4.1 Powering On/Off

- To power on, flip the power switch on the rear panel to the "ON" position. The display will illuminate.
- To power off, flip the power switch to the "OFF" position.

4.2 Basic Controls (Rear Panel)

- **Input Gain Knobs (1, 2, 3):** Adjust the input level for each channel.
- **Master Knob:** Controls the overall output volume of the speaker. Push to access the setup menu and adjust EQ settings.
- **Display:** Shows current settings, input levels, and menu options.

4.3 Bluetooth Connectivity

1. Ensure Channel 3 is selected for Bluetooth input.
2. Activate Bluetooth on your source device (smartphone, tablet, etc.).
3. On your device, search for "SONAR 112 Xi" and pair with it. A confirmation sound may play from the speaker.

4.4 True Wireless Stereo (TWS) Pairing

To link two SONAR Xi speakers for stereo playback via Bluetooth:

1. Power on both SONAR Xi speakers.
2. On one speaker (this will be the master), initiate TWS pairing (refer to the speaker's display menu or the SONAR REMOTE app for specific steps).
3. The master speaker will search for and connect to the second SONAR Xi speaker.
4. Once paired, connect your Bluetooth source device to the master speaker. Audio will now play in stereo across both units.

4.5 SONAR REMOTE App Control

The free SONAR REMOTE app provides comprehensive control over your SONAR-112-XI speaker from your iOS or Android device.

1. Download the "SONAR REMOTE" app from the Apple App Store or Google Play Store.
2. Ensure your mobile device's Bluetooth is enabled and the speaker is powered on.
3. Open the app and follow the on-screen instructions to connect to your SONAR-112-XI speaker.
4. The app allows remote adjustment of input volumes, 3-band EQ, and access to advanced settings and scene management.

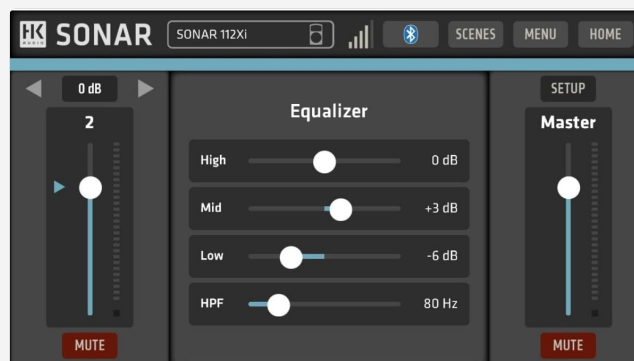


Figure 6: Screenshot of the SONAR REMOTE app, showing equalizer and volume controls.

5. MAINTENANCE

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the speaker. For stubborn dirt, a slightly damp cloth can be used, but ensure 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 dry, cool environment, ideally in its original packaging or a protective cover.
- **Handling:** Always use the integrated carrying handles when moving the speaker. Avoid dropping or subjecting the speaker to strong impacts.
- **Ventilation:** Regularly check that the ventilation openings on the rear panel are free from dust and debris to prevent overheating.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; power outlet faulty; power switch off.	Ensure power cable is securely connected. Test outlet with another device. Flip power switch to "ON".
No sound output	Input volume too low; master volume too low; incorrect input selected; source device issue.	Increase input gain and master volume. Verify correct input channel is active. Check audio source device.
Bluetooth pairing failure	Speaker not in pairing mode; device too far; interference; previously paired.	Ensure Channel 3 is selected for Bluetooth. Move device closer. Turn off other Bluetooth devices. Forget "SONAR 112 Xi" on your device and try pairing again.
Distorted sound	Input signal too high (clipping); speaker overloaded; faulty cable.	Reduce input gain from source or on speaker. Do not exceed maximum volume for extended periods. Try a different audio cable.
App not connecting	Bluetooth off on mobile device; app permissions; speaker not powered on.	Ensure Bluetooth is enabled on your phone. Check app permissions. Restart app and speaker.

7. SPECIFICATIONS

Feature	Detail
Model Name	SONAR-112-XI
Speaker Type	Monitor / Powered Speaker
Speaker Maximum Output Power	1200 Watts
Woofer Diameter	12 Inches
Audio Driver Type	Dynamic Driver
Connectivity Technology	XLR, Bluetooth
Wireless Communication Technology	Bluetooth 5.0 (with TWS)
Controller Type	App Control, On-board Rotary Control

Audio Output Mode	Stereo (via TWS)
Product Dimensions (D x W x H)	20"D x 14.4"W x 24.8"H
Item Weight	35.1 Pounds
Carrying Handles	2 x SingleGrip
Front Grille	Steel with anticorrosive coating and acoustic foam
Power Source	AC
Mounting Type	Floor Standing, Pole Mount, Stage Monitor
Compatible Devices	Desktop, Laptop, MP3 Player, Smartphone, Tablet

8. WARRANTY INFORMATION

HK Audio products are manufactured to the highest quality standards. This product comes with a limited warranty. For detailed information regarding the warranty period, coverage, and terms and conditions, please refer to the warranty card included with your product or visit the official HK Audio website. Please retain your proof of purchase for any warranty claims.

9. CUSTOMER SUPPORT

Should you encounter any issues or have questions not covered in this manual, please contact HK Audio customer support or your authorized dealer.

For the most up-to-date support information, FAQs, and contact details, please visit the official HK Audio website:

[Visit HK Audio Support Website](#)

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StrumentiMusicali.net

Diffusori > Diffusori Attivi

HK AUDIO Sonar 112 Xi



Cod.Art. : 172710

CASSA ATTIVA BLUETOOTH 12" 1200W

HK Audio Sonar è un diffusore attivo con driver da 12" con DSP e mixer integrato. Offre tre canali di ingresso: due per segnali microfonici o di linea più un canale Aux, dove i segnali analogici e tramite Bluetooth 5.0. La musica può essere trasmessa in stereo a due altoparlanti Sonar Xi tramite Bluetooth TWS (True Wireless Stereo). Compilando un controllo di volume e l'equalizzazione a 3 bande per ciascun canale che possono essere regolati in modo intuitivo utilizzando la manopola a 4 display a colori. Grazie all'app gratuita Sonar Remote per iOS e Android, tutta la funzionalità può essere controllata anche da remoto per una maggiore comodità.

Tecnologie rivoluzionarie, strumenti di sviluppo all'avanguardia e metodi di produzione avanzati: combinati tutti questi fattori con decenni di esperienza audio si possono ascoltare cose molto speciali.

Questo è esattamente quello che è successo con la nuova famiglia di altoparlanti Sonar: è la prima nel suo genere a offrire un suono di alta qualità ad un prezzo accessibile.

Il mixer digitale integrato nel model Xi offre due canali indipendenti per i segnali microfonici o di linea, nonché un canale Aux per i segnali analogici e Bluetooth 5.0. Può persino ricevere entrambi i segnali contemporaneamente. L'uscita Mix Out viene utilizzata per mandare segnali ad altoparlanti aggiuntivi o può essere utilizzato come sorgente per la registrazione del vivo.

Ciascuno dei tre canali ha il proprio controller del volume dedicato e un equalizzatore a 3 bande. Inoltre, sono disponibili tre modalità preimpostate (Line, DJ, Monitor) e un preset da utilizzare in combinazione con l'altoparlante Sonar.

Con il Bluetooth TWS, lo streaming audio stereo tramite due modelli Sonar Xi è un gioco da ragazzi. Due altoparlanti Sonar Xi possono

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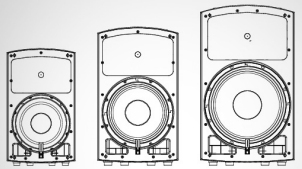
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[pdf] Datasheet Declaration of Conformity

HK AUDIO Sonar 112 Xi 2 giorni fa — TWS è l'acronimo di True Wireless Stereo e ciò significa che si tratta diffusori possono riprodurre contenuti separati indipendenti tra loro ma anche doc strumentimusicali net datasheet products id 172710 |||

Diffusori Diffusori Attivi HK AUDIO Sonar 112 Xi giovedì 26 ottobre, 2023 Cod.Art. : 172710 li.n CASSA ATTIVA BLUETOOTH 12 1200W HK Audio Sonar un diffusore attivo con driver da 12 con DSP e a mixer integrato. Offre tre canali di ingresso: due per segnali ic microfonici o di linea pi un canale... lang:it score:32 filesize: 23.02 K page_count: 3 document date: 2023-10-26

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[pdf] User Manual Instructions

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HK Audio SONAR 115Sub D und 112 Xi

Dienstag, 09. Februar 2021 01:00

HK Audio SONAR 115Sub D und SONAR 112 Xi Top-Teil Multifunktionales PA-System mit Bluetooth-Fernsteuerung

Autor und Fotos: Christian Boche



Mit der SONAR-Serie erweitern die Saarländer von HK Audio ihr umfangreiches Portfolio an Beschallungssystemen um eine kostengünstige Plug-and-Play-Variante für ambisonische Musik. Die und kleinen Veranstaltungsbühnen. Das komplette aktive System umfasst drei Top-Teile und einen 15-Zoll-System-Subwoofer. Der HK Audio SONAR 115Sub D ist mit einem DSP ausgestattet, der es dem Anwender erlaubt, verschiedene Trennfrequenzen und kardioidale Aufstellvarianten zu verwenden. Die SONAR Top-Teile in Kombination mit einem Dual-Bluetooth-Modul, das simultanes Musik-Streaming und eine Fernsteuerung sämtlicher Funktionen über eine dedizierte Bluetooth-App ermöglicht. Wir haben die Modelle HK Audio SONAR 115Sub D und HK Audio SONAR 112 Xi einem Preisstapel unterlegen.

Zurzeit umfasst die HK Audio SONAR-Serie vier Modelle. Die Top-Teile unterscheiden sich durch die Gehäusgröße und Tieftönen-Besetzung. Die kleine SONAR 110 Xi wird mit einem 800 Watt (Peak) starken Vierstufenmodul angetrieben, während die Modelle SONAR 112 Xi und SONAR 115 Xi bis zu 1.200 Watt Spitzenleistung aus dem Aktivmodul beziehen. Die Tieftönen-Besetzung ist wahlweise 10, 12 oder 15 Zoll. Das dürfte die meisten Anwendungswünsche abdecken. Der SONAR 115 Sub D ist der einzige Systembaustein der Serie und lässt sich mit allen drei Top-Teilen kombinieren.

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[\[pdf\]](#) Specifications

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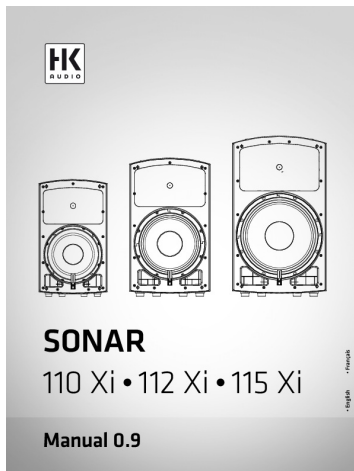


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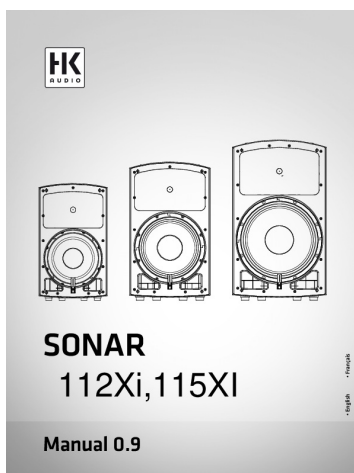
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[HK Audio SONAR Xi Series Full-Range Cabinets User Manual](#)

User manual for HK Audio SONAR Xi series active full-range speaker cabinets (110 Xi, 112 Xi, 115 Xi). Covers safety, features, operation, connectivity, DSP, Bluetooth, and technical specifications.

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