

## 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.

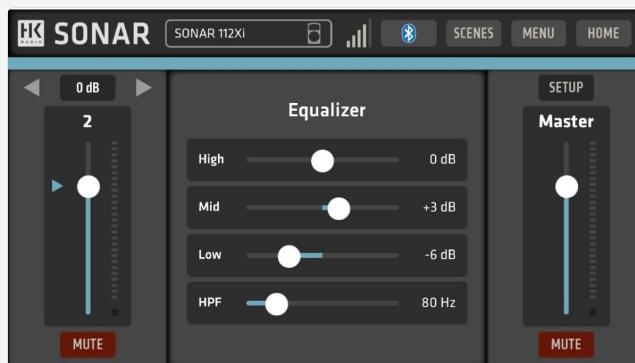


Figure 6: Screenshot of the SONAR REMOTE app, showing equalizer and volume controls.

## 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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Documents - Hk Audio – SONAR-112-XI

StrumentiMusicali.net giovedì 26 ottobre, 2023

Diffusori > Diffusori Attivi

HK AUDIO Sonar 112 Xi

 Cod.Art. 172710

CASSA ATTIVA BLUETOOTH 12 1200W

HK Audio Sonar 112 Xi è un diffusore attivo con driver da 12 con DSP e mixer integrato. Offre due canali di ingresso: due per segnali microfonici o di linea più un canale Aux, riceve segnali analogici o tramite Bluetooth 5.0. La musica può essere trasmessa in stereo a 1200W di potenza. È possibile utilizzarla in modalità True Wireless Stereo. Comprendendo un controllo di volume e l'equalizzazione a 3 bandi, il Sonar 112 Xi offre una grande gamma dinamica. È possibile utilizzando le manopole e il display a colori. Grazie all'app gratuita Sonar Remote per iOS e Android, tutta la funzione può essere controllata da un dispositivo portatile a distanza. La batteria ricaricabile offre una durata di funzionamento di 10 ore.

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 modello SONAR 112 Xi offre due canali indipendenti per i segnali del microfono o di linea, nonché un canale Aux per la ricezione di segnali analogici. Il Sonar 112 Xi riceve eminibili segnali contemporaneamente. L'uscita Mix Out viene utilizzata per mandare segnali ad altoparlanti aggiuntivi o per la registrazione. Il display a colori consente di visualizzare le impostazioni del volume, della frequenza e della gamma dinamica. È possibile utilizzare le modalità preimpostate (Live, DJ, Monitor) e un preset da utilizzare in combinazione con il subwoofer Sonar.

Con il suo True Wireless Stereo, il Sonar 112 Xi può funzionare con due modelli Sonar Xi e un paio di leggeri. Due altoparlanti Sonar Xi possono

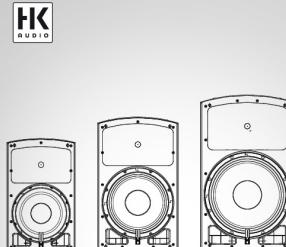
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## [pdf] Datasheet Declaration of Conformity

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...

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**SONAR**  
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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 erweiterten die Saarländer von HK Audio ihr umfangreiches Portfolio an Beschallungssystemen um eine kostengünstige Plug-and-Play-Variante für ambitionierte Musiker, DJs und Kleine-Verleihbetriebe. Die komplett aktive Lautsprecherreihe besteht aus dem Subwoofer SONAR 115Sub D und den Top-Modellen SONAR 112Xi und SONAR 115Xi. Der Subwoofer SONAR 115Sub D ist mit einem DSP ausgestattet, der es dem Anwender erlaubt, verschiedene Trennfrequenzen und kardioide Aufnahmewinkel zu verwenden. Die SONAR 112Xi und SONAR 115Xi sind mit einem Dual-Port-System für simultanes Musik-Streaming und eine Fernsteuerung sämtlicher Funktionen über einen integrierten Bluetooth-Modul. Wir präsentieren Ihnen das HK Audio SONAR 115Sub D und HK Audio SONAR 112Xi in einem Präsentationsbericht.

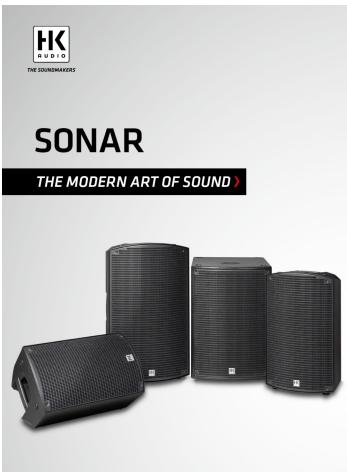
Zum Set umfasst die HK Audio SONAR Serie vier Modelle. Die Top-Teile unterscheiden sich durch die Gehäusegröße und Tiefbass-Bedienung. Die kleine SONAR 112Xi ist ein 12 Watt (Peak) starken Verstärker mit 1200 Watt (Peak) angetrieben, während die Modelle SONAR 112Xi und SONAR 115Xi bis zu 1.200 Watt Spitzeneistung aus dem Aktivmodul beziehen. Die Tiefbass-Bedienung ist mit einer 15 Zoll. Subwoofer-Dome für wenige Systemteile der Serie und lässt sich mit allen drei Top-Teilen kombinieren.

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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 erweiterten die Saarländer von HK Audio ihr umfangreiches Portfolio an Be...

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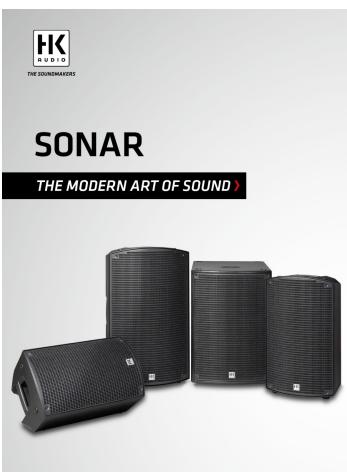


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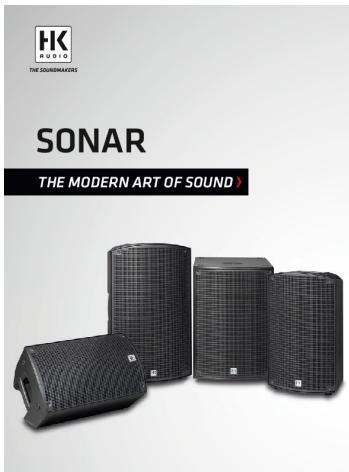
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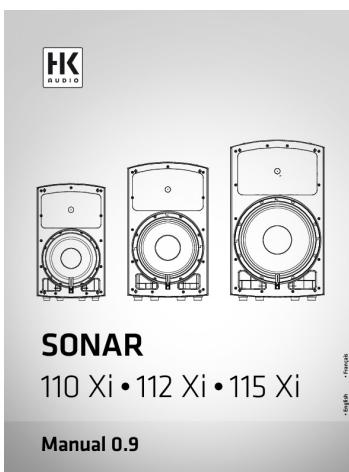


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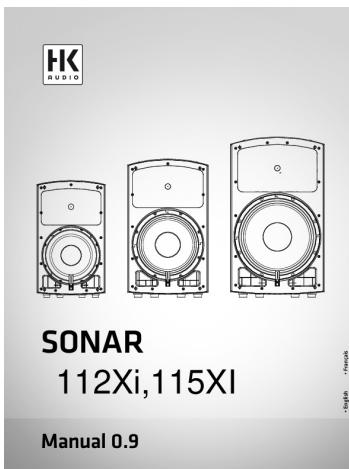
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[\[pdf\]](#) HK Audio SONAR Xi Series Full-Range Cabinets User Manual

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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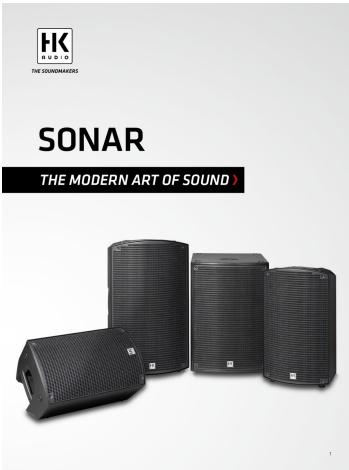


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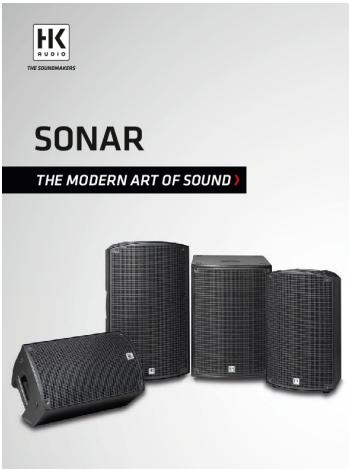


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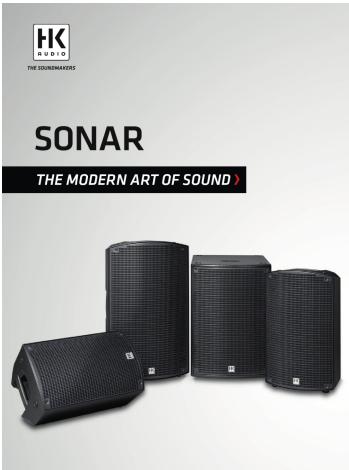


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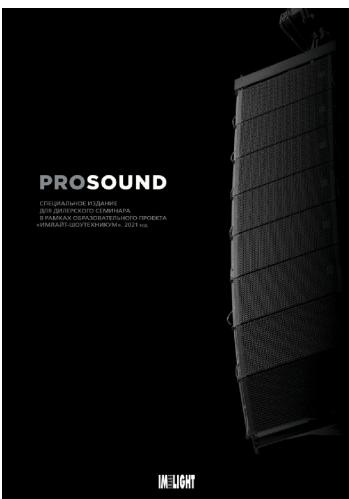
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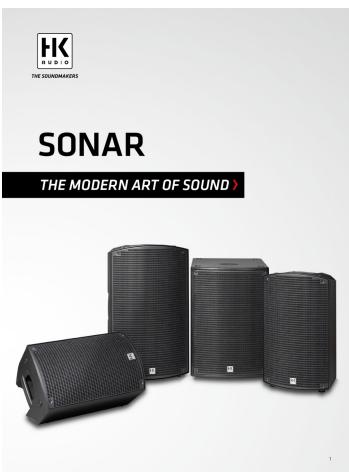
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