

## HYPERUP 8BA

# PORTABLE BATTERY COLUMN SPEAKER WITH DSP, BLUETOOTH AND TWS

There are so many small sound reinforcement applications where is not required a huge sound pressure like a rock concert, but where frequency response and sound definition are crucial. The available space is often limited and no power outlets are available. Additionally, correct loudspeaker positioning is often overlooked, which can negatively impact the final result. The Soundsation HyperUp 8BA is a solution to these challenges.

This is a portable sound system that weighs just under 13kg. It features an 8-inch high-excursion subwoofer and a vertical array of four 2.75-inch full-range speakers. The system can be powered by mains or the internal rechargeable battery, and is driven by 600W peak class-D power amplifiers and digital processing, which allows for total control of both transducers, multi-band limiter, protections, and frequency response. The system also includes a 3-channel mixer with USB, SD-Card, and Bluetooth connectivity. The DSP is user-friendly and offers four presets to accommodate different needs: Flat, Music, Band, and Speech.

The system has an HF coverage of 120° (H) x 20° (V). Its column structure is divided into three segments, with a maximum height of approximately 1.85m including the subwoofer. This design allows for flexible placement of the mid-high transducers, depending on whether the system is on the floor, on a stage, or at a height where the passive segments are not required.

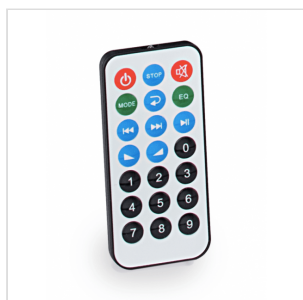
Connections between subwoofer and column segments are internal; the look is definitely elegant and minimalist where only power (when connected to mains power) and audio connection cables – placed on the back – can reduce the effect. And if you power the system by battery, use the Bluetooth connection with your audio source, you don't even need any cables. Not only, but in the case of a second HyperUp 8BA speaker, the TWS (True Wireless Stereo) connection between them is totally invisible. This system, in fact, allows the wireless connection between identical speakers so that the "master" – that is, the one to which the Bluetooth audio source is connected – is connected to the "slave" so that the latter plays only the right channel. This way you would have a stereo system without the need for any cables between the two.

HyperUp8BA comes with a handy padded bag for protected transport of the 3 column segments. A subwoofer cover (HyperUp 8 Sub Cover, part number SOU0114) is also available (optional).



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## HIGHLIGHTS



### GO-SOUND AIR CONTROL APP

Nowadays, our tablets and mobile phones have become the primary tools for music, parties, and other occasions. Some of the latest devices no longer have an analogue output, which means that they require adapters (often bulky and expensive) or Bluetooth interfaces to connect to normal audio speakers. HyerUp Air's Digital Media Player provides solutions to these and many other needs. In addition to the standard Bluetooth connection and USB/SD-Card slots, the player's functions can be controlled through the free Go-Sound Air app for Android and iOS, directly from a tablet or smartphone.

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### TRUE WIRELESS STEREO (TWS)

HyperUp column speakers feature a multi-channel Bluetooth system. This technology, in addition to offering one stereo channel for normal connection of Bluetooth audio sources (such as mobile phones, tablets, computers, etc.) and a second channel for control via the Go-Sound Air App for Android® and iOS®, has an additional third channel for the True Wireless Stereo.

This function allows wireless connection between identical speakers so that the “master” - that is, the one to which the Bluetooth audio source is connected (your phone or tablet, etc.) - connects to the “slave” and the latter plays only the right channel of the audio source (in this case the master will play only the left channel). This provides a true stereo system without the need for any audio connections among the Bluetooth audio source, the master and the slave HyperUp speakers.



### KEYWORD: PORTABILITY

HyperUp aims to provide complete freedom of expression, enabling users to communicate, create music, and share emotions without any limitations.

The lithium battery power supply ensures an operating time of 9 hours. The multimedia player has USB, SD-Card and Bluetooth slots, making connecting cables unnecessary. However, if you have musical instruments, microphones or other sources that require traditional cable connection, it is still possible thanks to the XLR, ¼" jack, RCA and mini-jack inputs.

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### CONVENIENCE AND COMPACTNESS

HyperUp is a lightweight and practical system that can be assembled in just a few minutes. It has a neat and minimalist look. Its compact dimensions make it the ideal companion in situations where space is at a premium or a pleasant and discreet visual impact is desired. The subwoofer occupies a space of about 30x40cm.



### WIDE HORIZONTAL COVERAGE

Thanks to the arrangement of full-range transducers inside the column, HyperUp offers a wide horizontal angular coverage of 120°. This results in a homogeneous and distributed coverage of the audience, making it ideal for both mono and stereo use. Because of the limited vertical coverage (20°), column segments without speakers can be added or removed from the column to compensate for limited coverage. This depends on the position of the audience (seated/standing) and the subwoofer's position (on the ground or above a stage).

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## PRODUCT DETAILS

### KEY FEATURES

4x 2.5" Wideband Speakers

120° H x 20° V Coverage

1x 8" Woofer with 2" Voice Coil

600W Peak Power, Class-D Power Amp

Lithium Battery for up to 9-hour Operation

2x Mic-Line Inputs with Combo Connector

1x Stereo Line Input with RCA & Mini-Jack

DSP with 4 Presets

Bluetooth with TWS Function (True Wireless Stereo)

### SPECIFICATIONS

<b>Speaker Type</b>	8" Portable Column PA System with Battery and Mobile App
<b>Frequency response</b>	50Hz-20kHz
<b>Input Sensitivity</b>	0dBu (selectable)
<b>Sensitivity (1W/1m)</b>	95 dB
<b>Max. SPL</b>	121 dB
<b>Amp. Max. (Program/Peak)</b>	200W/600W - 2 x Class-D
<b>Protection System</b>	DSP based multiband limiter, Short-Circuit, Over Current, Overheating
<b>LF</b>	8" - 4 ohm

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<b>Vertical Array System</b>	4x 2.5" Wideband Speakers
<b>Directivity (HxV)</b>	120° x 20°
<b>Crossover</b>	250Hz - 24dB/oct.
<b>Connections</b>	2x Mic/Line Combo (XLR/Jack 6.35mm), Stereo Mini Jack, RCA Jack, USB-SD-Bluetooth, XLR Mix Out,
<b>Controls</b>	2x Mic/Line level, Aux In Level (Aux/BT/USB/SD level), Media Player Buttons, Master level, DSP Preset, Front LED, Battery Status LED Bar
<b>LED Indicators</b>	Limit, DSP Preset, Battery Charge Level
<b>Media player</b>	USB, SD-Card, Bluetooth, LCD Display, Remote Control
<b>Media player controls</b>	Mode, Previous track, Next track, Loop, Play/Pause
<b>App Control</b>	Auxiliary BT connection to Go-Sound Air App for Android®/iOS®
<b>Mains Power</b>	100-240Vac - 50/60Hz
<b>Fuse</b>	T1.60AL/250V
<b>Mains Connector</b>	VDE with Fuse
<b>Rechargeable Battery</b>	Lithium Battery Pack 14.8V - 5400mAh
<b>Battery Model Name</b>	HKD-5415
<b>Battery Dimension (WxHxD)</b>	112 x 70 x 38 mm
<b>Charge/Discharge Cycle</b>	2.5 hours / 9 hours (mid-high volume)
<b>Housing / Grille material</b>	Sub - PP / Column - PP / Grille - Steel
<b>Handles</b>	1 Handle on top
<b>Accessories</b>	Column Padded Bag (Included), Subwoofer Cover (Optional)
<b>Column Dimension (WxHxD)</b>	77 x 515 x 74 mm
<b>Subwoofer Dimension (WxHxD)</b>	293 x 455 x 380 mm