Altea

D·A·S
SOUND WITH SOUL

Unprecedented control

The ALTEA Series of portable sound solutions has been designed and built to offer musicians, DJs and performers great sounding systems that combine the latest in pro-audio engineering with great look and an extraordinary set of user-friendly features.

Altea ^{400} *Altea* ^{700}

Altea ⁴⁰⁰

Altea 400

Flexibility for use in any application

The Altea-415A and Altea-412A share the same high-tech enclosure as the Altea 700 Series. On board is an innovative Class D two channel amplifier that provides a total of 800Wpeak power. Voicing presets, input/ouput levels, EQ models, delay and source mixing are achieved by way of a user-configurable 24-bit quality DSP and LCD screen on the rear of the cabinet.

Altea ⁴⁰⁰

412A& 415A

Also passive versions Altea 412 and 415

DAScontrol   **LCD SCREEN**   **LIGHTWEIGHT**

Compact multi-purpose system with monitor position
Lightweight Class D amplifier with SMPS
DAScontrol™ for easy setup and adjustment:
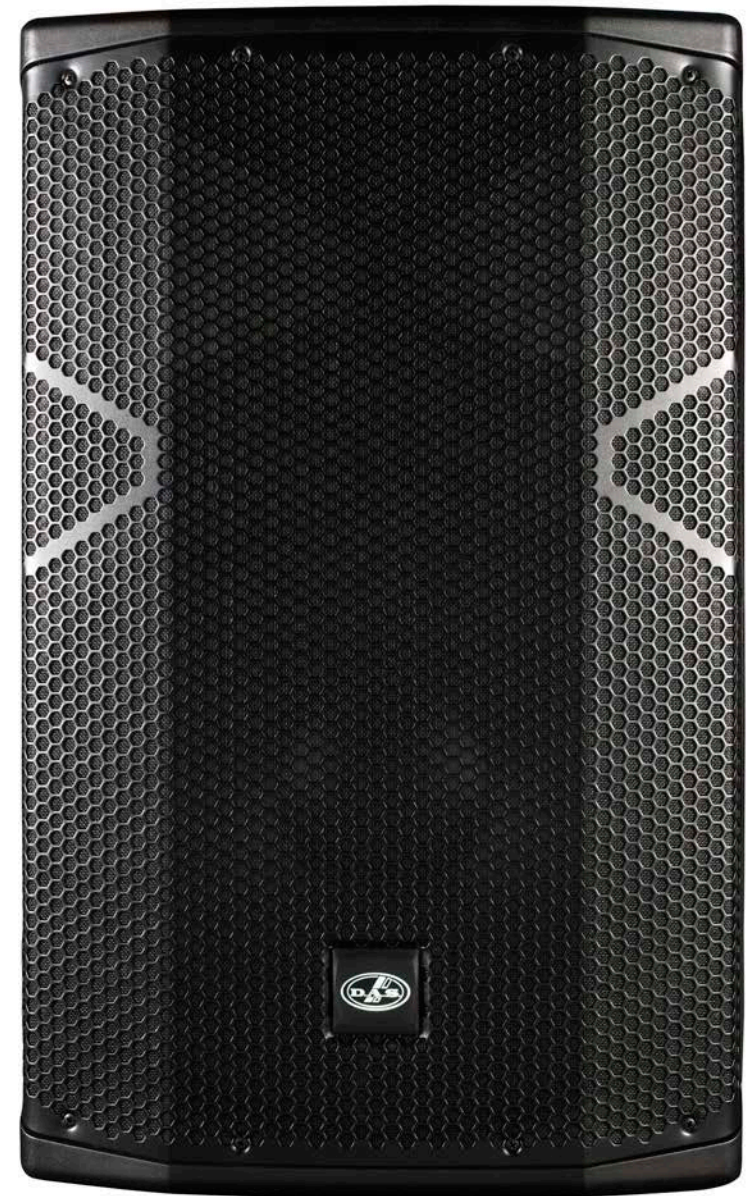(5 Presets, 3-Band EQ, High-Pass-Filter, Delay up to 10m)
24-bit high-end DSP with LCD screen
Lightweight polypropylene enclosure for portability
Two-channel mixer with mini jack AUX input
Integrated M8 rigging points and stand mount socket
Low consumption

Altea 400

Whatever you need

Use the Altea 400 series as a monitor

Altea 700

Altea ^{700}

Share your music in high definition

The Altea-715A and Altea-712A are the high-powered models from DAS Audio's Altea Series. They are equipped with 1500 Wpeak Class D two-channel amplifiers that provide extended bandwidth, wide dynamic range and exceptionally low distortion.

Digital Finite Impulse Response (FIR) filters are used in the signal processing of the Altea-700 Series powered systems. The DAScontrol™ interface allows users to configure voicing presets, input/output levels, EQ modes, delay and source mixing by way of a high-end 24-bit DSP and LCD screen on the rear of the cabinet. The remote control and monitoring APP DASlink™ of the Altea-700 Series powered systems allows users to wirelessly stream music from mobile devices in high-definition stereo.

Altea ^{700}

712A&
715A

Also passive versions Altea 712 and 715

DAScontrol   **FIR FILTERS**   **LCD SCREEN**   **LIGHTWEIGHT**   **DASlinkGM**   **DASlink ™**

Hi-power bi-amplified active system
1500 W Class D amplifier with 2 channel mixer
DAScontrol™ for easy setup and adjustment
24-bit high-end DSP with LCD screen
DASlink™ remote control and monitoring APP
High-definition wireless stereo music streaming
Lightweight polypropylene enclosure
Ergonomic handless and floor monitor position
Integrated M8 rigging points and stand mount socket

Altea 700

Control at your fingertips

The new Altea powered systems give you more control over your sound than ever before. Thanks to the DAScontrol™ interface, tailoring the configuration of the Altea systems to provide the best sound possible is easy. Now, with the introduction of DASlink™, Altea takes "wireless" to another dimension. DASlink™ is an all-in-one smart device APP which connects with Altea powered systems with wireless functionality. With DASlink™, you can monitor and control numerous system functions while streaming high-definition stereo audio to Altea systems from mobile devices.

The Altea Series great sounding systems combine the latest in pro-audio technology with impressive looks and an extraordinary set of user-friendly features. Go ahead, take control.
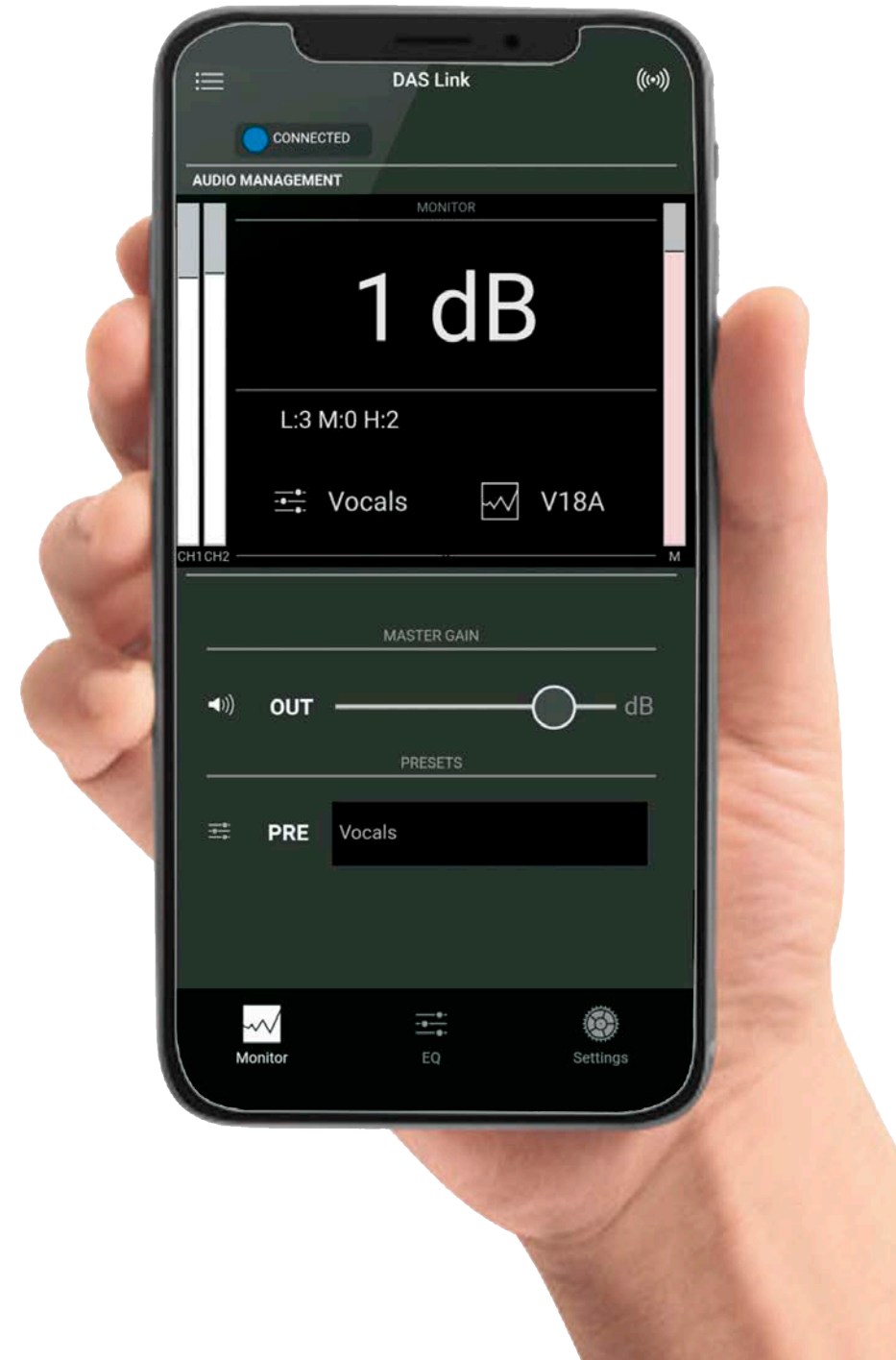
1 DAScontrol™ menus and DSP settings interface with LCD-screen and encoder for quick and easy setup.

2 Adjusts the gain of the individual inputs including wireless audio.

3 Flexible input section with two Mic/Line-Inputs, one 3.5 Jack-Aux-Input and selectable output.

4 Output signal connector selectable between Ch1, Ch2 or Mix.

5 1500 Wpeak Class D amplifier and large heatsink for convectional cooling without fan.

+ Multi purpose PP-Housing incl. 35mm Pole, slanted back sides for floor monitor use and rigging points for optional wall-mount- and rigging accessories.

+ DAScontrol™ offers 5 Presets, 3-Band-EQ, HighPass-Filter, Delay & Standby-Mode.

DASlink™

All-in-one smart device APP

DASlink™ is an all-in-one smart device APP equipped with wireless connectivity and is currently available for wireless equipped Altea powered systems. With DASlink™ you can monitor and control numerous system functions and stream high-definition stereo audio wirelessly to Altea systems. DSP parameters, which include gain, three band EQ, HPF, delay, and presets can be easily controlled with DASlink™.

1 Connect your mobile device to Altea systems via DASlink™ and stream music in high definition stereo while controlling numerous system functions remotely.

2 The three band EQ, high pass filters and delay are a few of the numerous functions that can controlled via DASlink™.
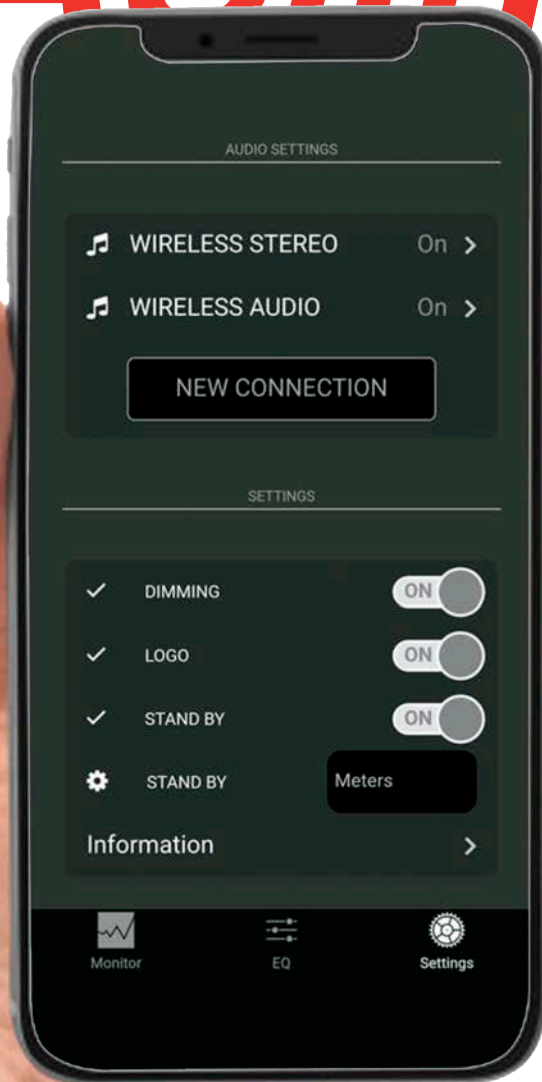
3 Input and ouput levels can be monitored using the DASlink™ APP. Super fast setups can be done using the presets option. Presets include Live, Dance, Vocals, Bass Boost and Monitor.

DASlink™

Functions:

- High definition streaming of music in stereo
- Master gain control
- Input and output gain monitoring
- High-pass filter selection for use with subs
- Presets selection
- 3-band EQ adjustment with sliders
- Configure slave units
- Configure system delay in meters or feet
- Standby mode on/off
- LCD screen dimming, logo on/off

DASlink™
GROUP MANAGER

DASlink Group Manager is an application for mobile devices that makes configuring, managing and monitoring self-powered systems from the Altea 700 and Vantec series possible.

With DASlink GM, up to 16 systems of the same model can be grouped together and organized by area or needs and preset either individually or as a group.

With DASlink GM, get the best professional sound, wherever you are.

DASlink™
GROUP MANAGER

The **Control panel** section is used to simultaneously manage all the systems included in each group and can modify the gain, select presets, perform a customized 3-band equalization, select the number of units and even select the HPF when using subwoofers.

The **View panel** provides individual access to each of the systems in the group in order to modify the gain and select between three types of throw: short, medium and long. The order of the systems can also be changed from this tab, a feature that becomes particularly relevant when working with line array configurations.

The system can be monitored by going to the View tab and selecting any of the systems to see the VU meters of each system in real time. The "Limit" feature can also be activated for the different groups using the app; if any system reaches its limit, the logo of each cabinet will flash.

DASlink GM enhances sound system performance and ensures they are handled correctly. It identifies each system by lighting up the cabinet's logo and can be used to wirelessly, immediately and simultaneously equalize the space from the audience area.

Altea *700*

Powerful bass

The Altea-718A is a powered subwoofer system designed for the Altea full-range cabinets. At the heart of the system is a 18FW4 loudspeaker with a FEM optimized speaker design and an extra long 3'' voice coil for extended excursion. A vented pole piece and apertures in the speaker's back plate evacuate heat providing high acoustic output over extended periods.

Powering the Altea-718A is cutting-edge 1200 Wpeak Class D amplifier. The DASControl™ interface makes setting up a combo system easy with specific presets for use with Altea tops. DAScontrolTM incorporates an advanced DSP providing users with cross-over functionality, delay and EQ making further optimization possible. The Altea-718 is the passive version for use with external amplification and outboard DSP.
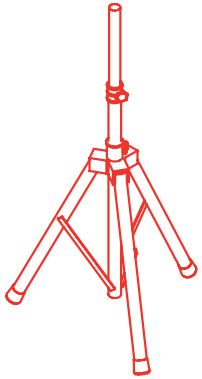
Altea ⁷⁰⁰
718A

DAScontrol   **LCD SCREEN**   **LIGHTWEIGHT**
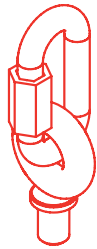
Powered subwoofer system
Lightweigh Class D amplifier
High efficiency 18'' loudspeaker
DAScontrol™ for easy setup and adjustment
24-bit high-end DSP with LCD screen
Integrated rigging points and pole mount socket
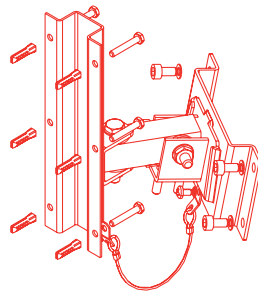Adjustable Stereo X-Over
2 Presets deep & loud
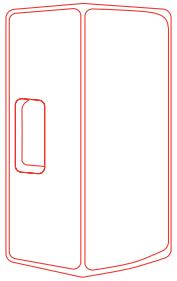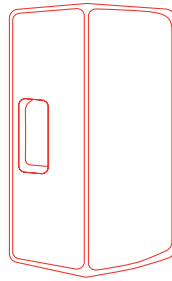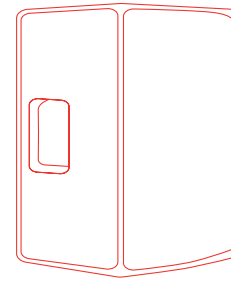Low consumption

Accessories:

TRD-2

ANL-1

AX-112-5

TRD-6

TRD-7

Covers:

FUN-ALT12 for Altea-412 and 712

FUN-ALT15 for Altea-415 and 715

FUN-VT18 for Altea-718

Model	ALTEA-715A	ALTEA-712A	ALTEA-718A
Power Amplifier	1500Wpeak-750Wcontinuos Class D Bi amplified	1500Wpeak-750Wcontinuos Class D Bi amplified	1200Wpeak-600Wcontinuos Class D Bi amplified
Input Type	Balanced	Balanced	Balanced
Input Impedance	Line 20 kohms	Line 20 kohms	Line 20 kohms
Sensitivity	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range	45 Hz - 20 kHz	60 Hz - 20 kHz	45 Hz - 138 kHz
Rated Max. Peak SPL	132 dB	130 dB	134 dB
HF Horn Coverage Angles	90° x 60°	90° x 60°	-
Enclosure Material	Polypropylene	Polypropylene	Birch Plywood
Color/Finish	Black/Textured	Black/Textured	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 15FV4/GM-15FV4 HF: M-28/M-28	LF: 12FV4/GM-12FV4 HF: M-28/M-28	18FW4/GM-18F
Connectors	INPUT: Female XLR AUX INPUT: 1/8'' (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: Female XLR AUX INPUT: 1/8'' (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: 2 x Female XLR LOOP THRU: 2 x Male XLR AC INPUT: Male IEC
AC Power Requirements	3 A, 115 V, 50/60 Hz 1.5 A, 230 V, 50/60 Hz	3 A, 115 V, 50/60 Hz 1.5 A, 230 V, 50/60 Hz	5 A, 115 V, 50/60 Hz 2.5 A, 230 V, 50/60 Hz
Dimensions	710 x 440 x 380 mm 28 x 17.3 x 15 in	650 x 380 x 346 mm 25.59 x 14.96 x 13.62 in	710 x 540 x 647 mm 27.95 x 21.26 x 25.47 in
Weight	20.6 kg (43.3 lb)	18.9 kg (41.6 lb)	40.5 kg (81.1 lb)
Accessories	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT15	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT12	TRD-6

ALTEA SERIES | TECHNICAL INFORMATION

Model	ALTEA-715	ALTEA-712	ALTEA-718
Peak Power Handling	2000 W	2000 W	2400 W
RMS Power Handling	500 W	500 W	600 W
Frequency Range	60 Hz - 20 kHz	65 Hz - 20 kHz	45 Hz - 138 kHz
Nominal Impedance	8 ohms	8 ohms	8 ohms
On Axis Sensitivity	99 dB SPL	98 dB SPL	98 dB SPL
Maximum Peak SPL	132 dB	131 dB	134 dB
HF Horn Coverage Angles	90° x 60°	90° x 60°	-
Enclosure Material	Polypropylene	Polypropylene	Birch Plywood
Color/Finish	Black/Textured	Black/Textured	Black/ISO-flex Paint
Transducers/Replacement Parts	LF: 15FV/GM-15FV HF: M-28/M-28	LF: 12FV/GM-12FV HF: M-28/M-28	18FW4/GM-18F
Connectors	2 x NL4 Speakon	2 x NL4 Speakon	2 x NL4 Speakon
Dimensions	710 x 440 x 380 mm 28 x 17.3 x 15 in	650 x 380 x 346 mm 25.59 x 14.96 x 13.62 in	710 x 540 x 647 mm 27.95 x 21.26 x 25.47 in
Weight	18.8 kg (41.4 lb)	17.4 kg (38.3 lb)	39 kg (85.8 lb)
Accessories	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT15	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT12	TRD-6

Model	ALTEA-415A	ALTEA-412A
Power Amplifier	800Wpeak-400Wcontinuos Class D Bi amplified	800Wpeak-400Wcontinuos Class D Bi amplified
Input Type	Balanced	Balanced
Input Impedance	Line 20 kohms	Line 20 kohms
Sensitivity	Line: 1.95 V (+8 dBu)	Line: 1.95 V (+8 dBu)
Frequency Range	50 Hz - 20 kHz	60 Hz - 20 kHz
Rated Max. Peak SPL	128 dB	126 dB
HF Horn Coverage Angles	90° x 60°	90° x 60°
Enclosure Material	Polypropylene	Polypropylene
Color/Finish	Black/Textured	Black/Textured
Transducers/Replacement Parts	LF: 15Mi4/GM-15Mi4 HF: M-32/M-32	LF: 15Mi4/GM-15Mi4 HF: M-32/M-32
Connectors	INPUT: Female XLR AUX INPUT: 1/8'' (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC	INPUT: Female XLR AUX INPUT: 1/8'' (3.5 mm) Mini Jack LOOP THRU: Male XLR AC INPUT: Male IEC
AC Power Requirements	2.4 A, 115 V, 50/60 Hz 1.2 A, 230 V, 50/60 Hz	2.4 A, 115 V, 50/60 Hz 1.2 A, 230 V, 50/60 Hz
Dimensions	710 x 440 x 380 mm 28 x 17.3 x 15 in	650 x 380 x 346 mm 25.59 x 14.96 x 13.62 in
Weight	19.3 kg (42.4 lb)	17.9 kg (38.7 lb)
Accessories	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT15	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT12

ALTEA SERIES | TECHNICAL INFORMATION

Model	ALTEA-415	ALTEA-412
Peak Power Handling	1400 W	1200 W
RMS Power Handling	350 W	300 W
Frequency Range	63 Hz - 20 kHz	68 Hz - 20 kHz
Nominal Impedance	8 ohms	8 ohms
On Axis Sensitivity	96 dB SPL	96 dB SPL
Maximum Peak SPL	128 dB	127 dB
HF Horn Coverage Angles	90° x 60°	90° x 60°
Enclosure Material	Polypropylene	Polypropylene
Color/Finish	Black/Textured	Black/Textured
Transducers/Replacement Parts	LF: 15Mi/GM-15Mi HF: M-32/M-32	LF: 12Mi/GM-12Mi HF: M-32/M-32
Connectors	2 x NL4 Speakon	2 x NL4 Speakon
Dimensions	710 x 440 x 380 mm 28 x 17.3 x 15 in	650 x 380 x 346 mm 25.59 x 14.96 x 13.62 in
Weight	17.5 kg (38.1 lb)	16.4 kg (36.1 lb)
Accessories	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT15	ANL-1 AX-112-5 TRD-2 TRD-6 FUN-ALT12

SOUND WITH SOUL

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