

Active Subwoofer

HYPER BASS SERIES Warmly Punching

» **HYPER TOP** full-range speakers were built to provide excellent sound quality and wide frequency response. But when applications demand more bass, **HYPER BASS** subwoofers are the missing link to your HYPER portable sound system. With powerful, warmly punching lows in a lightweight package designed for portability, the **HYPER BASS** series features three bass-reflex active subs delivering up to 1200W on 12" to 18" woofers and birch plywood reinforced enclosures.

- » Integrated active crossover
- » XLR L/R Balanced Line Inputs
- » XLR L/R Balanced Filtered Outputs, XLR L/R Balanced Link Outputs
- » Controls: Sub Level, 80-120Hz crossover switch, 0-180° Phase, Shape switch, Ground Lift On-Off
- » RMS, Overload, Thermal limiter protection
- » Multiplex Birch plywood enclosure with painted black finish
- » 2 lateral recessed handles each side
- » M20 type speaker pole mount to reduce vibrations
- » Predisposition for 4 wheels (not included)



	HYPER BASS12A	HYPER BASS15A	HYPER BASS18A
Speaker Type	Bass-reflex Active Subwoofer	Bass-reflex Active Subwoofer	Bass-reflex Active Subwoofer
Frequency Response(-10 dB)	From 40 Hz to 150 Hz	From 35 Hz to 150 Hz	From 30 Hz to 150 Hz
Max SPL	120 dB	124 dB	126 dB
Crossover Frequency	120 Hz (24dB/Octave)	120 Hz (24dB/Octave)	120 Hz (24dB/Octave)
Woofer	12" (3" v.c.)	15" (4" v.c.)	18" (4" v.c.)
Amplifier			
Amp Class	Class D	Class D	Class D
RMS Power	450 Watt	600 Watt	600 Watt
Peak Power	900 Watt	1200 Watt	1200 Watt
Protection	RMS, Overload, Thermal limiter	RMS, Overload, Thermal limiter	RMS, Overload, Thermal limiter
Input	XLR L + R Balanced Line Inputs	XLR L + R Balanced Line Inputs	XLR L + R Balanced Line Inputs
Output	XLR L + R Balanced Filtered Outputs XLR L + R Balanced Link Outputs	XLR L + R Balanced Filtered Outputs XLR L + R Balanced Link Outputs	XLR L + R Balanced Filtered Outputs XLR L + R Balanced Link Outputs
Controls	Sub Level, 80Hz-120Hz X-over, 0°-180° phase, Shape, Ground Lift	Sub Level, 80Hz-120Hz X-over, 0°-180° phase, Shape, Ground Lift	Sub Level, 80Hz-120Hz X-over, 0°-180° phase, Shape, Ground Lift
Mechanics			
Housing	Multiplex Birch plywood	Multiplex Birch plywood	Multiplex Birch plywood
Finish (Painting type) colour	Painted Black Finish	Painted Black Finish	Painted Black Finish
Handles	1 recessed handles on each side	1 recessed handles on each side	2 recessed handles on each side
Pole Mount	M20	M20	M20
Speaker Dimension (WxHxD)	420 x 520 x 474 mm	460 x 630 x 565 mm	543 x 678 x 620 mm
Net Weight	17 kg	29 kg	37 kg

www.soundsationmusic.com



APRIL 2016



soundsation
Feel the Sound

a division of
FRENEXPORT SpA

Via Enzo Ferrari 10 - 62017 Porto Recanati - ITALY
info@soundsationmusic.com
SOUNDSATION is a registered trademark of FRENEXPORT SpA
All right reserved

soundsation
Feel the Sound

Pro Audio

HYPER SERIES

What you really need

» HYPER series is the result of years of experience gathered by SOUNDSATION in Portable Sound systems. Our goal is to offer musicians and technicians a set of tools able to fully implement the tasks required, focusing on what is really useful: a good sound, reliability and the best value for money.

» The HYPER series also meets a precise requirement: versatility. Its wide range (5 full-range active speakers from and 3 active subwoofers), the predisposition for stacked or hanging use, the built-in mixer, allow the use of these tools work in every situation.

» All tops can accept balanced MIC and unbalanced LINE level signals with different connection formats (XLR, 1/4" Jack, RCA, mini-jack). The built-in mixer controls input levels, overall mix e High/Low tones and routes everything to the balanced Mix out



» The powerful and lightweight subwoofers feature electronic stereo crossovers with balanced connections, X-over cut to 80 or 120Hz, phase reverse, filtered and full-range outputs and a few other standard controls. Nothing more simple and essential to complete your PA sound system.



HYPER TOP SERIES

A different way of hearing

» Built to be perfect companion when you need a portable and lightweight speaker or when the going gets tough and high performance is required. The **HYPER TOP** series features 4 Bi-Amped models with Class-D amplifiers - from 240W to 500W - driving 8" to 15" high-performance woofers; and a smart and extremely versatile 2-way mono-amped model with 100W Class-AB amp on a 6" high-excursion woofer. All units have a sturdy, lightweight and stylish polypropylene enclosure with full metal grille and acoustic foam to protect the transducers inside and give a pleasant look. M8 fixing points, a different number of handles and D36mm pole mount holes, allow any fixed installation or portable applications as well as easily move them everywhere.

- » High resonance, sturdy and lightweight polypropylene cabinet with full metal grille and foam soundproof material
- » Microphone/line inputs XLR + jack jack 1/4", line XLR/RCA stereo, mini jack for convenient connection of smartphones and tablets
- » XLR output link out
- » Volume for each channel, master volume and equalization Hi/LOW controls
- » Suited for stage monitor use at 30 45°
- » Top and side handles allow easy carrying
- » 36mm pole mount
- » 4 M8 flying points, one each side



Active Speakers



	HYPER TOP 6A	HYPER TOP 8A	HYPER TOP 10A	HYPER TOP 12A	HYPER TOP 15A
Speaker Type	2-Way Active Speaker	Bi-Amped Active Speaker	Bi-Amped Active Speaker	Bi-Amped Active Speaker	Bi-Amped Active Speaker
Frequency Response	67Hz - 19KHz	56Hz - 19KHz	53Hz - 19KHz	48Hz - 19KHz	41Hz - 19KHz
Max SPL	108dB	111dB	116dB	119dB	121dB
HF / LF					
HF Type	1" Compression Driver	1" Compression Driver	1" Compression Driver	1.35" Compression Driver	1.35" Compression Driver
Horn Type	Symmetric	Symmetric	Symmetric	Symmetric	Symmetric
Directivity (HxV)	90° x 60°	90° x 60°	90° x 60°	90° x 60°	90° x 60°
Crossover Frequency	3.5KHz (18dB / Oct.)	3.5KHz (24dB / Oct.)	3.2KHz (24dB / Oct.)	2.8KHz (24dB / Oct.)	2.6KHz (24dB / Oct.)
Woofer	6" (1.2" v.c.)	8" (1.5" v.c.)	10" (2" v.c.)	12" (2.5" v.c.)	15" (3" v.c.)
Amplifier					
Amp Class	Class AB	2 x Class D	2 x Class D	Class D + Class AB	Class D + Class AB
Rated Power	100W	240W	250W	500W	500W
Peak Power	200W	480W	500W	1000W	1000W
Input	XLR + 1/4" Jack (Mic Line In) Stereo RCA + Stereo Mini jack (Line In)	XLR + 1/4" Jack (Mic Line In)	XLR + 1/4" Jack (Mic Line In) Stereo RCA + Stereo Mini jack (Line In)	XLR + 1/4" Jack (Mic Line In) Stereo RCA + XLR (Line In) Stereo Mini jack (Aux In)	XLR + 1/4" Jack (Mic Line In) Stereo RCA + XLR (Line In) Stereo Mini jack (Aux In)
Output	XLR (Mix Out)	XLR (Mix Out)	XLR (Mix Out)	XLR (Mix Out)	XLR (Mix Out)
EQ	High / Low	High / Low	High / Low	High / Low	High / Low
Mechanics					
Housing material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Flyable	4 x M8 (1 each side)	4 x M8 (1 each side)	4 x M8 (1 each side)	4 x M8 (1 each side)	4 x M8 (1 each side)
Handles	1 on top	1 on top	1 on right sides; 1 on top	2 on sides; 1 on top	2 on sides; 1 on top
Pole Mount	Standard D36 mm	Standard D36 mm	Standard D36 mm	Standard D36 mm	Standard D36 mm
Stage Monitor Use Angle	30° and 45°	30° and 45°	30° and 45°	30° and 45°	30° and 45°
Speaker Dimension (WxHxD)	217 x 367 x 209 mm	270 x 495 x 270 mm	300 x 528 x 306 mm	355 x 611 x 350 mm	420 x 697 x 383 mm
Net Weight	5.8 kg	7.2 kg	9.0 kg	14.6 kg	18.0 kg

