



TYPHON-AXF12-BT

12" Active loudspeaker - with FIR and Bluetooth

Product Description

TYPHON-AXF12-BT is a 12" bi-amplified active loudspeaker from our TYPHON-AXF Series — an evolution of the original TYPHON range, upgraded with FIR filtering and refined crossover design for superior sonic performance — now with integrated Bluetooth connectivity. Delivering 720 W continuous and 1440 W peak power with a maximum SPL of 129 dB at 1 m, it features a custom Wharfedale Pro 12" LF driver with a 2.5" voice coil and a 1.75" HF compression driver. The enhanced DSP provides improved bass depth, tighter phase response and a smoother, more accurate frequency balance across the spectrum.

Encased in the same durable polypropylene cabinet as the Typhon-AX models, Typhon-AXF12-BT maintains IP54 certification, multiple rigging points and ergonomic handles. With its Class D bi-amplified design and updated DSP engine, it delivers greater control, definition and power — built for professionals who demand precision. Pair it with a T-SUB-AX sub for a perfectly matched low-frequency extension.

Key Features

- ✓ Full-Range, 2-way
- ✓ 129 dB Max SPL @ 1m
- ✓ 12" LF Driver
- ✓ 720 W Continuous
- ✓ 1440 W Peak
- ✓ Polypropylene



Specifications

Specification	Value
Active / Passive	Active
System Type	Full-Range
Configuration	2-way
System Continuous Power	720 W
System Peak Power	1440 W
Max SPL @ 1m	129 dB
Sensitivity 2.83 V / 1 m	98 dB
Frequency Response (+/-3dB)	55 Hz - 20 kHz
Frequency Range (-10dB)	50 Hz - 20 kHz
Crossover Frequency	2.1 kHz
Bluetooth	Yes
Input Connector	2 x XLR, 2 x 6.3mm Jack, BT
Link Connector	pin XLR
LF Driver Size	12"
LF Voice Coil Size	2.5"
LF Rated Impedance	4 Ω
LF Power (RE:AES2-2012)	250 W
HF Driver Type	Compression Driver
HF Voice Coil Size	1.75"
HF Diaphragm Material	1"
HF Power (RE:AES2-2012)	40 W
HF Rated Impedance	8 Ω
Nominal Coverage (H x V)	100° x 80°
Amplifier design	Class D

Specifications (continued)

Specification	Value
DSP Controls	Flat / Monitor / Bass / Punch (with FIR)
Preset list	Flat / Monitor / Bass / Punch (with FIR)
Active loudspeaker Input Impedance	20 KΩ
Input sensitivity	775 mV (0 dBu)
Max Input Level	4 V
Line output	Pin XLR
Enclosure Material	Polypropylene
Grille Material and Finish	Steel Black
Finish	Black Polypropylene
Handles	4
Deployment	Flying, Pole, Wall Mount, Ground
Pole Mount	35 mm With Lock Screw
Brackets Included	No
Rigging	Yes
M8	9
Main Power	100-120 V~/200-240 V~,50/60 Hz
Power Supply	SMPS
Unpacked Height	558 mm
Unpacked Width	344 mm
Unpacked Rear	245 mm
Unpacked Depth	340 mm
Packed - Height	690 mm
Packed - Width Front	445 mm
Packed - Width Rear	445 mm
Packed - Depth	450 mm

Specification	Value
Net Weight	16.48 kg
Gross Weight	19.38 kg