



Processed Active Speaker Systems



www.fbt.it



TAKE THEM
WITH YOU

Your music, your
performance or your
installation can count
on FBT's new X-LITE
series of **portable**
powered speaker
systems.



X-LITE 15A
Processed Active Speaker
1000W - 128dB SPL

X-LITE 10A
Processed Active Speaker
1000W - 126dB SPL

X-LITE 12A
Processed Active Speaker
1000W - 127dB SPL

Constructed out of polypropylene enclosures, the **X-LITE** series features a sleek design including 3 x carrying handles and 4 x M10 flying points. In addition, the full front grille provides complete protection, delivering elegance and sturdiness. Features include built-in Class D amplifier modules providing an amazing 1000W of power to satisfy the most demanding applications, whilst the user-friendly DSP

allows 4 x EQ preset selection to perfectly tailor the performance of your **X-LITE** to your sound requirements. In addition, the **X-LITE** series is truly versatile, offering a professional control panel that allows you to set up configurations with or without subs. Even better - if you do want to extend the **X-LITE** low frequency response, you can do so with the dedicated X-SUB 18" powered subwoofer.



Monitor 30°



Monitor 45°

The X-LITE series is truly versatile and professional



Common features:

- Polypropylene molded enclosure designed to eliminate unwanted resonances
- Custom FBT Speakers with high linear excursion capability and efficiency
- Compression driver with 25mm (1") throat and 35mm (1.4") voice coil
- 1000W, 2-channel amplifier in Class D for LF and in Class AB for HF with a high dynamics response for a pleasant sound at high volume
- Universal switching mode power supply 100-240VAC
- DSP with 4 EQ presets designed to tailor the sound of the speaker to various applications and installation environments
- Advanced algorithms for filtering and equalization which alter the dynamics of the low frequency energy according to the selected preset, allowing distortion-free high SPL performance
- Control panel with XLR input and link out, 6.3mm jack stereo input with volume, stereo RCA input with volume, XLR output selector coupled with stereo / mono, HP filter on / off, mic / line, DSP preset selector
- Integrated mixer with



- two stereo channels, one channel mic / line input and an output coupled XLR mono / stereo to revive the other channel of the stereo signal to another speaker.
- Integrated handles, M10 rigging points for suspended installation, 35mm stand socket and monitor taper, all included to make the speaker adaptable to any application

The presence of 4 presets managed by DSP allows you to modify the response of the speaker in a much more accurate way compared to standard tone controls.

In addition, each preset has been designed and optimized in an anechoic chamber to deliver the best possible performance for each application.

ORIGINAL / LIVE: The ideal preset for live sound reinforcement

FLOOR / VOCAL: A preset to transform your X-LITE cabinet for use as a stage monitor or for vocals

CLUB: A special preset to deliver a rich, deep bass response that stays easy on listener's ears

DJ: A preset designed to bring out the best in electronic dance music



Model	X-LITE 15A	X-LITE 12A	X-LITE 10A
Configuration	way 2	2	2
Built-in amplifier max. LF/HF	W 800/200	800/200	800/200
Frequency response	@-6dB 42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz
Low frequency woofer	inch 15 - 2.5 coil	12 - 2 coil	10 - 2 coil
High frequency driver	inch 1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil
Maximum SPL peak	dB 128	127	126
Dispersion	H x V 90° x 60°	90° x 60°	90° x 60°
Input impedance	kOhm 22	22	22
Input connectors	XLR with loop, Jack ST, RCA ST	XLR with loop	XLR with loop
Power cord	m 5 inch 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm 440x735x440 inch 17.32x28.93x17.32	370x640x370 14.56x25.19x14.56	315x550x315 12.40x21.65x12.40
Net weight	kg 18 lb 39.68	14,5 31.96	13 28.66
Transport dimensions (WxHxD)	mm 500x795x500 inch 19.68x31.29x19.68	430x700x430 16.92x27.55x16.92	375x610x375 14.76x24.01x14.76
Transport weight	kg 21.5 lb 47.39	16.9 37.25	15,6 34.39

X-LITE 15A

Processed Active Speaker
1000W - 128dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 380mm (15") LF woofer with 64mm (2.5") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 42Hz to 20KHz Frequency Response
- 90° H x 60° V constant directivity horn
- 30° or 45° monitor taper

X-LITE 12A

Processed Active Speaker
1000W - 127dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 320mm (12") LF woofer with 50mm (2") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 50Hz to 20KHz Frequency Response
- 90° H x 60° V constant directivity horn
- 30° or 45° monitor taper

X-LITE 10A

Processed Active Speaker
1000W - 126dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 250mm (10") LF woofer with 50mm (2") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 58Hz to 20KHz Frequency Response
- 90° H x 60° V constant directivity horn
- 35° monitor taper



You want to leave an indelible mark on your audience

AIM FOR SUCCESS
Designed to satisfy the most demanding applications, X-PRO is the professional's choice.

FBT's new X-PRO series of powered speakers can help you make a difference ... is cut to withstand tour-tough conditions with Italian elegance and style



X-PRO 15A
Processed Active Speaker
1000W - 128 dB SPL

X-PRO 10A
Processed Active Speaker
1000W - 126 dB SPL

X-PRO 12A
Processed Active Speaker
1000W - 127 dB SPL

No matter whether you're performing on stage, delivering a business presentation or designing the highest quality fixed installation, you want to leave an indelible mark on your audience. That's when FBT's new **X-PRO** series of powered speakers can help you make a difference. Constructed out of plywood enclosures finished with extra-texture paint, the **X-PRO** series is cut to withstand tour-tough conditions with Italian elegance and style. Professional features include ergonomic handles, M10 flying points, a monitor taper design, and a full protective grille.

Meanwhile the onboard Class D amplifier module delivers an amazing 1000W power with a flexible DSP to allow personal EQ adjustments, while the low frequency response can be extended courtesy of the dedicated X-SUB 18" powered subwoofer.



Monitor 35°



Common features:

- Plywood cabinet with anti-scratch coating and an internal ply reinforcement
- Custom FBT Speakers with high linear excursion capability and efficiency
- Compression driver with 25mm (1") throat and 35mm (1.4") voice coil
- 1000W, 2-channel amplifier in Class D for LF and in Class AB for HF with a high dynamics response for a pleasant sound at high volume
- Universal switching mode power supply 100-240VAC
- DSP with 4 EQ presets designed to tailor the sound of the speaker to various applications and installation environments
- Advanced algorithms for filtering and equalization which alter the dynamics of the low frequency energy according to the selected preset, allowing distortion-free high SPL performance
- Control panel with XLR input and link out, 6.3mm jack stereo input with volume, stereo RCA input with volume, XLR output selector coupled with stereo / mono, HP filter on / off, mic / line, DSP preset selector
- Integrated mixer with two stereo channels, one channel mic / line input and an output coupled XLR mono



- / stereo to revive the other channel of the stereo signal to another speaker.
- Handles, M10 rigging points for suspended installation, 35mm stand socket and 35° or 45° monitor taper, all included to make the speaker adaptable to any application
- Constant directivity horn which can be rotated to vary the speaker's angle of coverage

The presence of 4 presets managed by DSP allows you to modify the response of the speaker in a much more accurate way compared to standard tone controls. In

addition, each preset has been designed and optimized in an anechoic chamber to deliver the best possible performance for each application.

ORIGINAL / LIVE: The ideal preset for live sound reinforcement

FLOOR / VOCAL: A preset to transform your X-LITE cabinet for use as a stage monitor or for vocals

CLUB: A special preset to deliver a rich, deep bass response that stays easy on listener's ears

DJ: A preset designed to bring out the best in electronic dance music



Model	X-PRO 15A	X-PRO 12A	X-PRO 10A
Configuration	way 2	2	2
Built-in amplifier max LF/HF	W 800/200	800/200	800/200
Frequency response	@-6dB 42Hz - 20KHz	50Hz - 20KHz	58Hz - 20KHz
Low frequency woofer	inch 15 - 2.5 coil	12 - 2 coil	10 - 2 coil
High frequency driver	inch 1 - 1.4 coil	1 - 1.4 coil	1 - 1.4 coil
Maximum SPL peak	dB 128	127	126
Dispersion	H x V 80° x 50° rotatable	80° x 50° rotatable	80° x 50° rotatable
Input impedance	kOhm 22	22	22
Input connectors	XLR with loop, Jack ST, RCA ST	XLR with loop, Jack ST, RCA ST	XLR with loop, Jack ST, RCA ST
Power cord	m 5 inch 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm 440x735x440 inch 17.32x28.93x17.32	370x640x370 14.56x25.19x14.56	315x550x315 12.40x21.65x12.40
Net weight	kg 22 lb 48.50	18 39.68	13.5 29.76
Transport dimensions(WxHxD)	mm 500x795x500 inch 19.68x31.29x19.68	430x700x430 16.92x27.55x16.92	375x610x375 14.76x24.01x14.76
Transport weight	kg 25 lb 55.11	20.8/45.85	15.5/34.17

X-PRO 15A

Processed Active Speaker
1000W - 128 dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 380mm (15") LF woofer with 64mm (2.5") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 42Hz to 20KHz Frequency Response
- 80° H x 50° V constant directivity rotatable horn
- 35° or 45° monitor taper

X-PRO 12A

Processed Active Speaker
1000W - 127 dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 320mm (12") LF woofer with 50mm (2") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 50Hz to 20KHz Frequency Response
- 80° H x 50° V constant directivity rotatable horn
- 35° monitor taper

X-PRO 10A

Processed Active Speaker
1000W - 126 dB SPL

- 2-way bi-amplified bass reflex
- FBT Custom 250mm (10") LF woofer with 50mm (2") voice coil
- FBT 25mm (1") throat /35mm (1.4") voice coil HF compression driver
- 58Hz to 20KHz Frequency Response
- 80° H x 50° V constant directivity rotatable horn
- 35° monitor taper



Crafted with Italian style to suit the most elegant fixed installations

FEEL THE PUNCH
The new X-SUB 18SA
powered subwoofer
is the perfect partner
for the X-LITE and
X-PRO series

Designed as the perfect partner for the X-LITE and X-PRO series, FBT introduces the new **X-SUB 18SA** powered subwoofer. Loaded with a single 18" heavy duty woofer, the X-SUB 18SA is controlled by a 1200W Class D amplifier with DSP at 4 presets allowing perfect tailoring of the extended low frequency to the mid-high. The rugged plywood enclosure is built to withstand touring conditions, yet crafted with Italian style to suit the most elegant fixed installations. Finally, the M20 thread allows for pole mounting on a 3-way system design.

X-SUB 18SA

Processed Active Subwoofer
1200W - 136dB SPL



X-SUB 18SA

Processed Active Subwoofer
1200W - 136dB SPL

- Compact band-pass design subwoofer with high SPL and punch
- 460mm (18") high excursion woofer with 75mm (3") voice coil
- Frequency response from 38Hz to 120Hz
- 600W RMS Class D power amplifier with switch mode supply
- Digital Signal processor with 6 presets, 2 equalization with 2 LPF crossover settings
- Control panel with stereo combo XLR/Jack in/outs, Stereo XLR HP-Filter outs, Volume, EQ presets, phase reversal switch 0°-180°, status LED indicators
- 18mm plywood cabinet with scratch & scuff resistant paint finish
- M20 (20mm) top mount speaker stand socket, two FBT design aluminum handles
- Provides additional low frequency reinforcement when used along with X-PRO



Model		X-SUB 18SA	
Configuration	way	1	
Built-in amplifier max LF/HF	W	1200	
Frequency response	@-6dB	38Hz - 120Hz	
Low frequency woofer	inch	18 - 3 coil	
High frequency driver	inch	-	
Maximum SPL peak	dB	136 half space	
Dispersion	H x V	omni	
Input impedance	kOhm	22	
Input connectors		XLR ST with loop, XLR ST OUT	
Power cord	m inch	5 16.4	
Net dimensions (WxHxD)	mm inch	510x692x650 20.07x27.24x25.59	
Net weight	kg lb	42 92.59	
Transport dimensions(WxHxD)	mm inch	700x840x800 27.55x33.07x31.49	
Transport weight	kg lb	46 101.41	

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