

A classic evolves - FBT introduces new PROMAXX

Italy's audio specialist unveils the latest version of its popular PROMAXX portable PA

May 24, 2017 -- **FBT is launching the next step in the PROMAXX range of portable PA enclosures.** With a specially developed polypropylene cabinet and stylish full grille aesthetic, the new PROMAXX by FBT represents the next step in the evolution of a portable sound classic.

Equipped with custom FBT speakers complete with B&C's renowned compression driver technology, **PROMAXX combines true made-in-Italy quality and style.** At its heart is a purpose-built FBT amplifier module with a switch-mode power supply. **For the low frequency section, 700W RMS is driven via a highly efficient Class-D topology, boasting extremely low THD. For HF, meanwhile, 200W RMS is delivered by a Class-H / AB design chosen to ensure the highest definition of audio performance at high frequencies.**

Also onboard is a powerful digital signal processing (DSP) platform made available to users of all levels thanks to an intuitive graphical user interface. Located on the rear of the enclosure, the menu-driven system is navigated via a single rotary control with push-to-select functionality.

Users can choose between 6 equalizer presets, each carefully designed by FBT engineers to ensure that every application is catered for (*see below*). Additionally, 2 preset slots are available for users to form their own designs, using 5 parametric equalizers per slot. Also available is a high-pass filter, a mic/line selector, low, mid and high tone settings and an optional delay of between 0 and 3.5 metres. Finally, users can exclusively choose between two limiter modes, MAX-SPL or MAX-QUALITY, to best suit their performance.

The **PROMAXX** feature-set is matched by the enclosure's versatility, with options for pole-mounting, wall-hanging, suspension or even deployment in an array. The result is the most accessible PROMAXX yet.

Presets for every occasion

PROMAXX offers 6 presets to cater for a broad variety of uses, each crafted by FBT engineers. Employing powerful DSP, the presets ensure reliability while eliminating distortion.

- **ORIGINAL / LIVE** The renowned, smooth FBT sound
- **VOCAL** A special EQ setting to maximise speech intelligibility
- **DJ** Designed to keep the energy high and your audience dancing
- **TOURING** The reliability and the roar of the industry's most popular touring systems
- **LOUDNESS** The ultimate preset for listening at a medium or low volume
- **WARM** A special setting to emphasise full-bodied, low-mid frequencies.

Common features:

- 2-way, bi-amplified, bass reflex design cabinet
- Biamped: 700W RMS LF, 200W RMS HF, power amplifiers in Class D for LF and in Class H/AB for HF with switch mode power supplies
- Digital signal processor with graphic display
- Control Panel features balanced XLR/Jack input, XLR LINK OUT, 2 x Volume, RCA Stereo input, DSP display with rotative encoder and push
- 2 x M10 suspension points, 35 mm (1,3/8") top-hat speaker stand socket, wall bracket mount flange plate
- 90°H x 60°V constant directivity horn
- Front of House or Stage Floor Monitor: with 12°, 40° and 55° monitoring angles

PROMAXX 114A

Processed Active Speaker

700W RMS + 200W RMS 135,5dB SPL

- **355 mm (14") LF neodymium magnet woofer with 75mm (3") voice coil**, custom made for FBT by B&C
- 35 mm (1,4") exit throat B&C HF compression driver with 64 mm (2,5") voice coil
- Frequency response from 45Hz to 20 kHz
- Compact Dimensions: ProMaxX 114A uses the same size gas-injected polypropylene molded enclosure as

- the ProMaxX 112A, but features our 14" LF Woofer for lower frequency SPL
- Full grille design with black acoustic cloth
- Extremely light, only 17,4 kg / 40.78 lb

PROMAXX 112A

Processed Active Speaker

700W RMS + 200W RMS 133dB SPL

- 320mm (12") LF woofer with 64mm (2.5") voice coil, custom made for FBT
- 25mm (1") exit throat B&C HF magnet compression driver with 34mm (1.4") voice coil
- Frequency response from 48Hz to 20KHz
- Sturdy, gas-injected polypropylene molded enclosures, engineered to contain undesired resonance
- Extremely light only 14.8Kg/32.62lb

PROMAXX 110A

Processed Active Speaker

700W RMS + 200W RMS 131dB SPL

- 250mm (10") LF woofer with 50mm (2") voice coil, custom made for FBT
- 25mm (1") throat exit B&C HF magnet compression driver with 34mm (1.4") voice coil
- Frequency response from 58Hz to 20KHz
- Sturdy, gas-injected polypropylene molded enclosures, engineered to contain undesired resonance
- Extremely light only 10.3kg/22.70lb

PROMAXX 114

Passive Reinforcement speaker

700W / 8ohm - 132dB SPL

- Built-in passive crossover with soft-trip protection for the LF woofer and HF driver
- Speakon NL-4 IN and LINK OUT connectors

PROMAXX 112

Passive Reinforcement speaker

400W / 8ohm - 129dB SPL

- Built-in passive crossover with soft-trip protection for the LF woofer and HF driver
- Speakon NL-4 IN and LINK OUT connectors

PROMAXX 110

Passive Reinforcement speaker

300W / 8ohm - 127dB SPL

- Built-in passive crossover with soft-trip protection for the LF woofer and HF driver
- Speakon NL-4 IN and LINK OUT connectors

For further information: info@italianspeakers.us

<http://infocomm.vporoom.com/A-classic-evolves-FBT-introduces-new-PROMAXX>