





With the new HiMaxX series, FBT establishes a reference point on the scenario of 12" and 15" enclosures in polypropylene for sound reinforcement, introducing performance and technical content of a standard unthinkable up until now.

FBT HiMaxX takes its place alongside the FBTMaxX series, exalting all the technical features.

The study of a **new cabinet in polypropylene**, the use of a **switch mode power supply** and **high-efficiency power amplifiers and the redesign of the loudspeakers** were the activities of the FBT R&D team aimed at maximizing the

power:weight ratio.

This series comprises **three models**; two 2-way full-range enclosures in polypropylene, **HiMaxX 40** (12"+1") and **HiMaxX 60** (15"+1.4"), plus a compact 18" bandpass SUB in birch plywood (**HiMaxX 100Sa**).

Compact and light weight, HiMaxX brilliantly solve all the most demanding requests from buffs, musicians and professionals looking for **powerful, versatile and very high quality** loudspeaker enclosures. Ideal for live and sound reinforcement applications requiring **ease of transport**, they are also suited to **fixed installations**, thanks to the cabinets' format and optional accessories.



HiMaxX 60a
700+200W
HiMaxX 60
700W



HiMaxX 40a
500+150W
HiMaxX 40
500W



HiMaxX 100Sa
900W



- > A powerful dynamic design for aggressive clean-cut lines. **A sturdy light-weight box that ensures great versatility** and is ready for installation, thanks to its special mounting points and optional accessories. The asymmetrical design enables the enclosures to be used as stage monitors.
- > A specially designed control panel ensures **ease of use and intuitive control**. Mic/line input, auxiliary stereo input with (HiMaxX 40a), 3-band EQ, ground-lift, diagnostic LED.





HiMaxX 60a

**700W + 200W - 128,5dB SPL
Processed Active Monitor**

- > 2-way, bi-amplified in Bass-Reflex design
- > **B&C custom designed 380 mm (15") neodymium woofer** with 75 mm (3") voice coil
- > **B&C 36 mm (1.4") compression driver** with 64 mm (2.5") voice coil
- > **700Wrms PWM LF power amplifier**
- > **200Wrms Class G HF power amplifier**
- > **Switch mode power supply** for an excellent ratio weight/power
- > Analog signal processor with limiter
- > **Completely redesigned control panel with:**
 - XLR Input and XLR Link



- **Gain and Volume functions in a single potentiometer** to improve user friendliness improving the dynamic range and input signal/noise ratio
- **3-band EQ (Bass, Mid, High)**
- **Ground-lift**
- **Diagnostic LED**
- > **90°H x 60°V** constant directivity horn
- > **4 x M10 anchoring points, 35 mm ø (1.38") top-hat** for speaker stand

placement and wall bracket mount flange, **2 integrated carrying handles**

HiMaxX 60

**700W / 8ohm - 128dB SPL
Passive monitor**

- > Passive version, **700Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon connectors



HiMaxX 40a

**500W + 150W - 127dB SPL
Processed Active Monitor**

- > 2-way, bi-amplified in Bass-reflex design
- > **B&C custom designed 320 mm (12") neodymium woofer** with 75 mm (3") voice coil
- > **B&C 25 mm (1") compression driver** with 44 mm (1.7") voice coil
- > **500Wrms PWM LF power amplifier**
- > **150Wrms Class G HF power amplifier**
- > **Switch mode power supply** for an excellent ratio weight/power
- > Analog signal processor with limiter
- > **Completely redesigned control panel with:**
 - **Gain and Volume functions in a single potentiometer** to improve

- user friendliness improving the dynamic range and input signal/noise ratio
- **Combo XLR/jack input XLR link**
- **Mic/Line selection**
- **Independent RCA input channel with separate volume control** to connect external devices such as MP3, CD, PC players
- **3-band EQ (Bass, Mid, High)**
- **Ground-Lift**
- **Diagnostic LED**
- > **90°H x 60°V** constant directivity horn
- > **4 x M10 anchoring points, 35 mm ø (1.38") top-hat** for speaker stand placement and wall bracket mount flange, **2 integrated carrying handles**
- > Enclosure suitable for stacking

HiMaxX 40

**500W / 8ohm - 127dB SPL
Sound Reinforcement Monitor**

- > Passive version, **500Wrms/8ohm recommended amplifier**
- > Passive crossover filter featuring "soft-trip" circuitry to ensure full protection of LF woofer and HF driver
- > 2 NL-4 Neutrik™ Speakon connectors





HiMaxX 100Sa

900W - 133dB SPL

Processed Active Subwoofer

- > Self-powered bandpass subwoofer
- > **18" (460 mm) custom neodymium B&C woofer** with a 3" (75 mm) voice coil
- > Built-in **900Wrms PWM** amplifier
- > **Switch mode power supply**
- > Analogue signal processor with limiter
- > Control panel with:
 - **XLR/input and XLR stereo outputs with**

Hi-Pass, filter for connecting the satellites

- Volume
- Ground-Lift
- 0°-180° phase inverter switch
- Limiter LED
- > **Box in 18 mm (0.7") birch plywood**
- > The special **"bandpass"** acoustic loading increases efficiency and maximum SPL
- > **Eight M10 mounting points, stand socket and two integrated wooden handles.**



BOX 100
Ceiling bracket
balancing stand



BOX 32BK
Adjustable floor stand
(ø 35 mm – 1.38")
– max weight
56 Kg (124 Lb)





Model		HiMaxX 60a	HiMaxX 40a	HiMaxX 100Sa
Configuration	way	2	2	Band-Pass
Built-in amplifier LF/HF	Wrms	700/200	500/150	900
Frequency response	@-6dB	40Hz - 20KHz	45Hz - 20KHz	38 - 120Hz
Low frequency woofer	inch	1x15 - 3 coil	1x12 - 3 coil	1x18 - 3 coil
High frequency driver	inch	1,4 - 2,5 coil	1 - 1,7 coil	/
Sensitivity (@1W/1m)	dB	99	99	102
Maximum SPL	dB	129	127	133
Dispersion	H x V	90° x 60°	90° x 60°	omnidirectional
Input impedance	kohm	22	22	22
Crossover frequency	kHz	1,2	1,6	active 120
Input connectors		XLR with loop	XLR/jack with loop RCA aux	stereo XLR with loop
Power cord	m	5	5	5
Net dimensions (WxHxD)	mm	482x757x427	407x634x370	530x590x683
	inch	19x29,8x16,8	16x24,9x14,5	20,8x23,2x26,9
Net weight	kg	28,3	17,9	42
	lb	62,4	39,4	92,6
Transport dimensions (WxHxD)	mm	520x867x600	495x720x470	570x630x725
	inch	20,4x34,1x23,6	19,5x28,3x18,5	22,4x24,8x28,5
Transport weight	kg	30,3	20,5	46
	lb	66,8	45,2	101,4

Model		Himaxx 60	HiMaxX40	
Configuration	way	2	2	
Recommended amplifier	Wrms	700	500	
Long term power	W	350	250	
Short term power (IEC 268-5)	W	1400	1000	
Nominal impedance	ohm	8	8	
Frequency response	@-6dB	40Hz - 20KHz	50hz - 20Khz	
Low frequency woofer	inch	1x15 - 3 coil	1x12 - 3 coil	
Unità alte frequenze	inch	1,4 - 2,5 coil	1 - 1,7coil	
Sensitivity (@1W/1m)	dB	99	99	
Maximum SPL	dB	129	127	
Dispersion	H x V	90° x 60°	90° x 60°	
Crossover frequency	kHz	1,3	1,6	
Recommended HP filter		35hz - 24dBoct	45hz - 24dBoct	
Recommended external filter		/	/	
Input connectors		2 x Speakon	2 x Speakon	
Net dimensions (WxHxD)	mm	482x757x427	407x634x370	
	inch	19x29,8x16,8	16x24,9x14,5	
Net weight	kg	26	16	
	lb	57,3	35,2	
Transport dimensions (WxHxD)	mm	520x867x600	495x720x470	
	inch	20,4x34,1x23,6	19,5x28,3x18,5	
Transport weight	kg	28,5	18,5	
	lb	62,8	40,8	





FBTMaxX 6a
700+200W
FBTMaxX 6
700W



FBTMaxX 5a
400+100W
FBTMaxX 5
400W



FBTMaxX 4a
300+100W
FBTMaxX 4
300W

An International bestseller.

Thanks to its highly popular positioning in terms of technological level and price factor, the FBTMaxX series has been attempted to frequent imitations, though it has never been equalled. The range features processed active speakers, also available passive, built in **rugged and ultra-light** gas-injected **polypropylene** enclosures, engineered to eliminate any internal resonance. To better emphasize the low frequencies and meet market demand, The FBTMaxX series includes also two dedicated subwoofers, both active and processed: **FBTMaxX 9Sa and FBTMaxX 10Sa**. The **innovative PWM technology**, applied to the amp modules and the adoption of **neodymium magnet custom loudspeakers** guarantee maximum **lightness, portability and exceptional acoustic quality**. The enclosures are equipped with 4 x M10 anchoring point, depending from model, for permanent installation and have an asymmetrical profile for stage monitor application.

Quality, dependability and efficiency: FBTMaxX is the perfect combination of weight, cutting-edge technology, high performance and unparalleled cost-effectiveness.

FBTMaxX 4a
300+100W
FBTMaxX 4
300W



FBTMaxX 2a
200+50W
FBTMaxX 2
200W



FBTMaxX 2a
200+50W
FBTMaxX 2
200W

FBTMaxX 9Sa
900W
FBTMaxX 9S
900W

FBTMaxX 10Sa
900W



> A true stylish protagonist, with smooth design and rounded corners, granting total flexibility of application, also as **stage monitor or for permanent installation** horizontal or vertical, through its 2/4 x M10 anchoring points, or for stacked configurations through the special adapters.

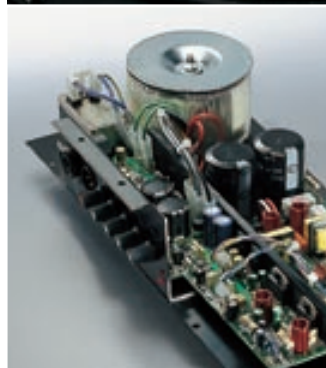


> **Integrated handles and 35mm pole mount socket.**

> Asymmetrical profile enclosures for **stage monitor applications.**



- > Control panel with XLR/Jack combo Neutrik input, XLR Link, Gain, 3-Band EQ (High, Mid, Low), Volume, Ground Lift (FBTMaxX 4a).
- > FBTMaxX series is equipped with **ultra-light and powerful neodymium magnet loudspeakers**.
- > The amplifier modules are engineered in **PWM "Pulse Width Modulation" technology** and ensure the triple of efficiency than conventional technology, weighting less and having reduced dimensions.
- > The amplifier modules include the **ADAP® (Advanced Dynamic Active Protection)**, processor to optimize the acoustic response, guarantee total transducer protection and reliability under harsh conditions, like Larsen effects.



BOX 104

Wall adjustable bracket



V33
Nylon case



BOX 52BK





FBTMaxX 6a

700W + 200W - 126,5dB SPL
Processed Active Monitor

- > 2-way bi-amplified system in Bass-Reflex
- > 380mm (15") custom B&C speaker with 75mm (3") voice coil and neodymium magnet
- > 36mm (1,4") throat B&C compression driver with 64mm (2,5") voice coil
- > 700Wrms PWM amplifier for low frequencies

- > 200Wrms class G amplifier for high frequencies
- > Analog signal processor with limiter
- > Control panel with:
 - Combo XLR/Jack input, XLR link
 - Gain and Volume
 - 3-Band EQ (High, Mid, Low)
 - Ground-Lift, Led limiter
- > 90°H x 60°V constant directivity horn
- > 4 x M10 anchoring points, 35mm pole mount socket,

hardware for wall mount facility, integrated handles

FBTMaxX 6

700W / 8ohm -126,5dB SPL
Sound Reinforcement Monitor

- > Passive version, 700Wrms/8ohm recommended amplifier
- > Internal passive crossover filter with "soft-trip" protection circuits on woofer and compression driver
- > NL-4 Neutrik™ Speakon input and link connectors



FBTMaxX 5a

400W + 100W - 125dB SPL
Processed Active Monitor

- > 2-way bi-amplified system in Bass-Reflex
- > 380mm (15") custom B&C speaker with 64mm (2,5") voice coil and neodymium magnet
- > 25mm (1") throat B&C compression driver with 36mm (1,4") voice coil
- > 400Wrms PWM amplifier for low frequencies

- > 100Wrms class AB amplifier for high frequencies
- > Analog signal processor with limiter
- > Control panel with:
 - Combo XLR/Jack input, XLR link
 - Gain and Volume
 - 3-Band EQ (High, Mid, Low)
 - Ground-Lift, Led limiter
- > 90°H x 60°V constant directivity horn
- > 4 x M10 anchoring points,

35mm pole mount socket, hardware for wall mount facility, integrated handles

FBTMaxX 5

400W / 8ohm - 124dB SPL
Sound Reinforcement Monitor

- > Passive version, 400Wrms/8ohm recommended amplifier
- > Internal passive crossover filter with "soft-trip" protection circuits on woofer and compression driver
- > NL-4 Neutrik™ Speakon input and link connectors



FBTMaxX 4a

300W + 100W - 123dB SPL
Processed Active Monitor

- > 2-way bi-amplified system in Bass-Reflex
- > 320mm (12") custom B&C speaker with 64mm (2,5") voice coil and neodymium magnet
- > 25mm (1") throat B&C compression driver with 36mm (1,4") voice coil
- > 300Wrms PWM amplifier for low frequencies

- > 100Wrms class AB amplifier for high frequencies
- > Analog signal processor with limiter
- > Control panel with:
 - Combo XLR/Jack input, XLR link
 - Gain and Volume
 - MIC/LINE selector
 - 3-Band EQ (High, Mid, Low)
 - Ground-Lift Led Limiter
- > 90°H x 60°V constant directivity horn
- > 4 x M10 anchoring points, 35mm pole mount socket,

hardware for wall mount facility, integrated handles

> Enclosure suitable for stacking

FBTMaxX 4

300W / 8ohm - 123dB SPL
Sound Reinforcement Monitor

- > Passive version, 300Wrms/8ohm recommended amplifier
- > Internal passive crossover filter with "soft-trip" protection circuits on woofer and compression driver
- > NL-4 Neutrik™ Speakon input and link connectors





FBTMaxX 2a

**200W + 50W - 121dB SPL
Processed Active Monitor**

- > 2-way bi-amplified system in Bass-Reflex
- > **250mm (10") custom B&C speaker** with 50mm (2") voice coil and **neodymium magnet**
- > **25mm (1") throat B&C compression driver (1")** with 36mm (1,4") voice coil
- > **200Wrms class AB amplifier for low frequencies**
- > **50Wrms class AB**

amplifier for high frequencies

- > Analog signal processor with limiter
- > Control panel with:
 - Combo XLR/Jack input, XLR link
 - Gain and Volume
 - MIC/LINE selector
 - **3-Band EQ (High, Mid, Low)**
 - Ground-Lift, Led limiter
- > **90°H x 60°V** constant directivity horn
- > **2 x M10 anchoring points, 35mm pole mount socket,**

hardware for wall mount facility, integrated handles

- > Enclosure suitable for stacking



FBTMaxX 2

**250W / 8ohm - 121dB SPL
Sound Reinforcement Monitor**

- > Passive version, **250Wrms/8ohm recommended amplifier**
- > Internal passive crossover filter with "soft-trip" protection circuits on woofer and compression driver
- > **NL-4 Neutrik™ Speakon** input and link connectors



FBTMaxX 9Sa

**900W - 126,5dB SPL
Processed Active Subwoofer**

- > Amplified subwoofer in Bass-Reflex
- > **380mm (15") custom B&C speaker** with double 100mm (4") voice coil and **neodymium magnet**
- > **900Wrms PWM amplifier**
- > Analog signal processor with limiter

- > Control panel with:
 - **Combo XLR/Jack stereo inputs, XLR link XLR stereo Hi-Pass filtered outputs for satellite speaker connection**
 - Volume
 - Ground-Lift, Led limiter
- > Polyethylene enclosure with internal wooden reinforcements
- > **35mm pole mount socket, 2 integrated handles**

FBTMaxX 9S

**900W / 4ohm - 126,5dB SPL
Passive Sub-Woofers**

- > Passive version, **900Wrms/4ohm recommended amplifier**
- > **Internal passive crossover filter with Hi-Pass satellite speakers outputs**
- > **NL-4 Neutrik™ Speakon** input and link connectors



FBTMaxX 10Sa

**900W - 129,5dB SPL
Processed Active Subwoofer**

- > Amplified subwoofer, Band-Pass design
- > **380mm (15") custom B&C speaker** with 75mm (3") voice coil and **neodymium magnet**
- > **900Wrms PWM amplifier**
- > Analog signal processor with limiter
- > Control panel with:
 - **Combo XLR/Jack stereo**



inputs, XLR link, XLR stereo Hi-Pass filtered outputs for satellite speaker connection

- Volume
- Ground-Lift, Led limiter
- 0°-180° phase switch
- > 18mm birch plywood enclosure with extra-texture paint finish
- > Special acoustic **band-pass** load for increased efficiency and higher SPL
- > **8 x M10 anchoring points, 35mm pole mount socket, 2 integrated wooden handles**





Model		FBTMaxX 6a	FBTMaxX 5a	FBTMaxX 4a	FBTMaxX 2a	FBTMaxX 9Sa	FBTMaxX 10Sa
Configuration	way	2	2	2	2	Bass Reflex	Vented Band Pass
Internal Amplifier	Wrms	700+200	400+100	300+100	200+50	900	900
Frequency response	@ -5dB	40 Hz - 20 kHz	40 Hz - 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz	40-125 Hz	36-120 Hz
Low frequency woofer	mm	1x380 - 75 coil	1x380 - 64 coil	1x320 - 64 coil	1x250 - 51 coil	1x380 -100 coil	1x380 - 75 coil
	inch	1x15 - 3 coil	1x15 - 2,5 coil	1x12 - 2,5 coil	1x10 - 2 coil	1x15 -4 coil	1x15 - 3 coil
High frequency driver	mm	36+horn - 65 coil	1x25,4+horn-32 coil	25+horn - 36 coil	25+horn - 36 coil	-	-
	inch	1,4+horn - 2,5 coil	1+horn - 1,4 coil	1+horn - 1,4 coil	1+horn - 1,4 coil	-	-
Sensitivity (@1W/1m)	dB	98	98	98	97	97	100
Maximum SPL	dB	128	125	123	121	126,5	129,5
Dispersion	HxV	90°x60°	90°x60°	90°x60°	90°x60°	omnidirectional	omnidirectional
Input impedance	kohm	22	22	22	22	22	22
Crossover frequency	kHz	active 1,3	active 1,8	active 1,8	active 1,8	active 120Hz	active 120Hz
Input connectors		combo / XLR	combo / XLR M	combo / XLR	combo / XLR	combo / XLR stereo	combo / XLR stereo
Power supply cable	m	5	5	5	5	5	5
	inch	197	197	197	197	197	197
Net dimensions (WxHxD)	mm	482x757x399	482x757x399	407x634x330	352x550x307	496x648x485	482x630x640
	inch	19x29,8x15,7	19x29,8x15,7	16x25x13	13,9x21,6x12,1	19,5x25,5x19,1	19x24,8x25,2
Net weight	kg / lb	29 / 63,93	25 / 55,12	16 / 35,27	13 / 28,66	29 / 63,93	41 / 90,39
Transport dimensions (WxHxD)	mm	595x878x515	595x878x515	510x740x410	435x630x395	595x760x575	522x700x680
	inch	23,4x34,6x20,3	23,4x34,6x20,3	20,1x29,1x16,1	17,1x24,8x15,5	23,4x29,9x22,6	20,55x27,6x26,8
Transport weight	kg / lb	33 / 72,75	29 / 63,93	19 / 41,89	15,5 / 34,17	33 / 72,75	45 / 99,21

Model		FBTMaxX 6	FBTMaxX 5	FBTMaxX 4	FBTMaxX 2	FBTMaxX 9S
Configuration	way	2	2	2	2	Bass Reflex
Recommended amplifier	Wrms	700	400	300	250	900
Long-term applicable power (AES)	W	350	200	150	125	450
Short-term applicable power (IEC 268-5)W		1400	800	600	500	1200
Nominal impedance	ohm	8	8	8	8	4
Frequency response	@-6dB	40 Hz- 20 kHz	50 Hz- 20 kHz	50 Hz - 20 kHz	50 Hz - 20 kHz	40-125 Hz
Low frequency woofer	mm	1x380 - 75 coil	1x380 - 64 coil	1x320 - 64 coil	1x250 - 51 coil	1x380 - 100 coil
	inch	1x15- 3 coil	1x15- 3 coil	1x12 - 3 coil	1x10- 2 coil	1x15- 4 coil
High frequency driver	mm	36+horn - 65 coil	1x25,4+horn - 36 coil	25+horn - 36 coil	25+horn - 36 coil	-
	inch	1,4+horn - 2,5 coil	1+horn - 1,4 coil	1+horn - 1,4 coil	1+horn - 1,4 coil	-
Sensitivity (@1W/ 1m)	dB	98	98	98	97	97
Maximum SPL	dB	126,5/129,5	124/127	123/126	121/124	126,5/128
Dispersion	HxV	90°x60°	90°x60°	90°x60°	90°x60°	omnidirectional
Crossover frequency	kHz	2,6	1,8	1,8	1,8	-
Recommended HP filter		30Hz - 24dB oct	30Hz - 24dB oct	35Hz - 24dB oct	40Hz - 24dB oct	25Hz - 24dB oct
Input connectors		2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon	2 x Speakon
Net dimensions (WxHxD)	mm	482x757x399	482x757x399	407x634x330	352x550x307	496x648x485
	inch	19x29,8x15,7	19x29,8x15,7	16x25x13	13,9x21,6x12,1	19,5x25,5x19,1
Net weight	kg / lb	25 / 55,12	21,5 / 47,40	13 / 28,66	11 / 24,25	26 / 57,32
Transport dimensions (WxHxD)	mm	595x878x515	595x878x515	510x740x410	435x630x395	595x760x575
	inch	23,4x34,6x20,3	23,4x34,6x20,3	20,1x29,1x16,1	17,1x24,8x15,5	23,4x29,9x22,6
Transport weight	kg / lb	28,5 / 62,83	25 / 55,12	15,5 / 34,17	13 / 28,66	29 / 63,93