



New J series

More technology for improved performance and quality value for money

The **new J series** is a technologically advanced range of products that improves on the performance of the previous Jolly line. The new **J series** is a competitive, value for money range of speakers.

The range is based on the development of three new high efficiency class-D amplifiers with power specifications of 350 + 100W for the **J 15A, J 12A** and **DJ 15A**, 200 + 50W for the **J 8A** and 80 + 40W for the **J 5A**.

These amplifiers have been designed 'from the ground up' in FBT's R&D laboratories.

The largest amplifier model that equips the **J 15A, J 12A** and **DJ 15A** has a switch mode power supply as well as a digital signal processor with 4 pre-sets.

The **J 8A** and **J 5A** amplifiers have toroidal

transformer power supplies. The **J 8A** has a digital signal processor with 2 pre-sets, whilst the **J 5A** has analog signal processing.

The speakers have been completely redesigned, introducing the technological developments of recent years to achieve a far superior efficiency and linearity.

Following from the new J series, FBT bring you the **DJ 15A**, designed with today's modern DJ in mind.

The **DJ 15A** has invaluable features allowing quality audio playback using our revolutionary DSP technology. This includes 4 presets enabling the DJ to change the sound of their music to suit the environment they play within.

These DSP presets will allow the DJ's audience to enjoy improved sound quality and SPL, especially in

A multipurpose performer: J speakers are versatile and easy to use in applications like Band PA, personal monitor, stage performance, theatres and halls, clubs, gyms, bars and more.



S/J8
Adjustable wall
mount stand



S/J5
Adjustable wall mount
stand

bass reproduction at high volume.

The **DJ 15A** also has another useful feature for DJs, including a two channel input mixer allowing the DJ to plug a music source and microphone direct into the speaker, giving separate control over volume for both devices. You can also daisy chain these speaker together if required. Ideal for many application of today's modern DJ.

J 15A
350+100W

J 15
300W

DJ 15A
350 + 100W



J 12A
350+100W

J 12
300W



J 8A
200+50W

J 8
160W



J 5A
80+40W

J 5
80W

J 5T
50W



A comprehensive line to fulfill all professional audio needs



BOX 112
Horizontal wall
mounting bracket



S/J8U
Wall mounting
bracket



S/J5U
Wall mounting
bracket



MS 30BK
Adjustable metal
floor stand
2.5 mm (1")



J 5AW



J 15A

Processed Active Monitor
350W+ 100W RMS - 129dB SPL

- 380 mm (15") custom woofer with improved efficiency and linearity
- 350Wrms class D amplifier for LF and 100Wrms for HF.
- High efficiency switch mode power supply
- On-board Digital Signal processing with dynamic equalizations and protections for high SPL and high reliability.
- 4 DSP preset for maximum acoustical flexibility

J 15

Sound Reinforcement Monitor
300W - 127dB SPL

- NL-4 Neutrik™ Speakon input and link connectors



DJ 15A

Processed Active Monitor
350W+ 100W RMS - 129dB SPL

- Same woofer, amplifier, power supply and On-Board Digital Signal processing as J 15A
- 4 DSP preset specially designed for DJ users
- Two channels input mixer with stereo/mono OUT
- Input panel with XLR/jack input and XLR Link, Mic/Line switch, Level, HP filter, 4 Preset Switch, Stereo RCA input, level, XLR OUT for daisy-chaining with Stereo/Mono switch selector



J 12A

Processed Active Monitor
250W + 50W RMS - 126dB SPL

- 320 mm (12") custom woofer with improved efficiency and linearity
- 350Wrms class D amplifier for LF and 100Wrms for HF.
- High efficiency switch mode power supply
- On-board Digital Signal processing with dynamic equalizations and protections for high SPL and high reliability.
- 4 DSP preset for maximum acoustical flexibility

J 12

Sound Reinforcement Monitor
300W - 126dB SPL

- NL-4 Neutrik™ Speakon input and link connectors



Active J

2-way bi-amplified system in Bass-Reflex
2-way bi-amplified system in Bass-Reflex

Polypropylene enclosure with integrated handle except J 5A/5

2 x M10 anchoring points (15A, 12A, DJ 15A), 2 x M6 suspension points (8A, 5A)

25mm (1") HF custom compression driver (15A, 12A, 8A, DJ 15A)

90°H x 60°V constant directivity horn (15A, 12A, 8A, DJ 15A)

Passive J

Internal passive crossover filter with "soft-trip" protection circuits on woofer and compression driver

Linear frequency response over the entire dispersion angle





J 8A

Processed Active Monitor
200W+ 50W RMS - 124dB SPL

- 200 mm (8") custom woofer with improved efficiency and linearity
- 200Wrms class D amplifier for LF and 50Wrms for HF.
- Low noise toroidal transformer power supply
- On-board Digital Signal processing with dynamic equalizations and protections for high SPL and high reliability.
- 2 DSP preset for maximum acoustical flexibility
- Available in white colour **J 8AW**

J 8

Sound Reinforcement Monitor
160W - 121.5dB SPL

- NL-4 Neutrik™ Speakon input and link connectors
- Available in white colour **J 8W**



J 5A

Processed Active Monitor
80W+ 40W RMS - 117dB SPL

- 130 mm (5") custom woofer with improved efficiency and linearity
- 25 mm (1") neodymium silk dome tweeter with soft compression and phase plug
- 80Wrms class D amplifier for LF and 40Wrms for HF
- Low noise toroidal transformer power supply
- On-board analog signal processing with limiter for high SPL and high reliability
- Available in white colour **J 5AW**

J 5

Sound Reinforcement Monitor
80W - 117dB SPL

- Input panel with jack and terminal connector for bare wires
- Available in white colour **J 5W**

J 5T

Sound Reinforcement Monitor
50W - 114dB SPL

- 4 position volume selector: 3W - 12,5W - 25W - 50W / 100V
- Input panel with terminal connector for bare wires
- Also available in white colour **J 5TW**





Model		J15a	J12a	J8a	J5a	J15DJa
Configuration	way	2	2	2	2	2
Built-in amplifier cont. rms LF/HF	W	300/70	300/70	150/40	60/30	300/70
Built-in amplifier max. rms LF/HF	W	350/100	350/100	200/50	80/40	350/100
Built-in amplifier max. peak LF/HF	W	700/200	700/200	400/100	160/80	700/200
Frequency response	@-6dB	48Hz - 20KHz	50Hz - 20KHz	60Hz - 20KHz	80Hz - 20KHz	48Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil	380 - 50 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75coil	25 - 25 coil
Maximum SPL cont/peak	dB	125 / 129	124 / 128	120 / 124	113 / 117	125 / 129
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 90°	90° x 60°
Input impedance	kOhm	22	22	22	22	22
Crossover frequency	kHz	1.8	2	2.5	3.5	1.8
AC Power requirements	VA	400	400	160	75	400
Input connectors		XLR-jack with loop	XLR-jack with loop	XLR-jack with loop	XLR combo with loop	XLR-jack with loop St. RCA, XLR out
Power cord	m inch	5 16.4	5 16.4	5 16.4	5 16.4	5 16.4
Net dimensions (WxHxD)	mm inch	410x663x387 16,14x26,10x15,23	410x663x387 16,14x26,10x15,23	255x415x245 10,03x16,33x9,64	170x275x180 6,69x10,82x7,08	410x663x387 16,14x26,10x15,23
Net weight	kg/lb	14 / 30.86	13.7 / 30.2	8.2 / 18.7	3.4 / 7.49	14 / 30.86
Transport dimensions(WxHxD)	mm inch	495x740x475 19.48x29.13x18.70	495x740x475 19.48x29.13x18.70	330x480x320 12.99x18.89x12.59	240x345x235 9.44x13.58x9.25	495x740x475 19.48x29.13x18.70
Transport weight	kg/lb	17.1 / 37.69	16.8 / 37.03	9.7 / 21.38	4.2 / 9.25	17.1 / 37.69

Model		J15	J12	J8	J5	J5T
Configuration	way	2	2	2	2	2
Recommended amplifier	W rms	300	300	160	80	50(70/100V)
Long term power	W	150	150	80	40	25
Short term power IEC 268-5	W	600	600	320	160	100
Nominal impedance	Ohm	8	8	8	16	16
Frequency response	@-6dB	50Hz - 20KHz	55Hz - 20KHz	65Hz - 20KHz	90Hz - 20KHz	90Hz - 20KHz
Low frequency woofer	inch	15 - 2 coil	12 - 2 coil	8 - 1.7 coil	5 - 1 coil	130 - 25 coil
High frequency driver	inch	1 - 1 coil	1 - 1 coil	1 - 1 coil	1 dome - 0.75coil	25 dome - 19 coil
Sensitivity (@1W/1m)	dB	99	98	96.5	94	91
Maximum SPL cont/peak (Bi-Amp)	dB	124 / 127	123 / 127	118.5 / 121.5	114 / 117	111 / 114
Dispersion	H x V	90° x 60°	90° x 60°	90° x 60°	90° x 90°	90° x 90°
Crossover frequency	kHz	1.8	2	2.5	3.5	3.5
Recommended HP filter		40hz - 24dboct	45hz - 24dboct	55hz - 24dboct	80hz - 24dboct	80hz - 24dboct
Input connectors		2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	2 x Speakon NL4 in & thru	1 x jack + terminal strip	terminal strip
Net dimensions (WxHxD)	mm inch	410x663x387 16,14x26,10x15,23	410x663x387 16,14x26,10x15,23	255x415x245 10,03x16,33x9,64	170x275x180 6,69x10,82x7,08	170x275x180 6,69x10,82x7,08
Net weight	kg/lb	14.7 / 32.4	14.1 / 31.08	6.6 / 14.55	3.4 / 7.49	3.4 / 7.49
Transport dimensions(WxHxD)	mm inch	495x740x475 19.48x29.13x18.70	495x740x475 19.48x29.13x18.70	330x480x320 12.99x18.89x12.59	240x345x235 9.44x13.58x9.25	240x345x235 9.44x13.58x9.25
Transport weight	kg/lb	17.8 / 39.24	17.2 / 37.91	8.1 / 17.85	4.2 / 9.25	4.2 / 9.25