



TW SERIES
Multi-purpose Wooden Speaker

3dB MORE



The Beta Three TW Series speakers have been engineered and designed for multi-purpose sound reinforcement applications either for live performances or fixed installations. TW series is built with very robust components to deliver high power and good quality sound at max SPL 3dB higher than that of others.

Cabinet - **RIGID!**



The high strength cabinet of the TW speakers are made of 15mm and 18mm plywood with advanced environmental protection by using Polyurethane-based paint. The perforated powder coated steel grill provides protection and weather resistance.

Transducers - **POWERFUL!**



TW speakers feature a new high power Cloth Edge woofer, delivering unmatched low frequency performance while maintaining high quality sound due to the unique Beta Three symmetrical magnetic circuit design. The Titanium compression driver, combined with a wide horn, delivers high definition mid/high frequency.

New generation Class D amplifier - **SMART!**



The TW Series active speakers feature a new generation Class D amplifier with low distortion, low noise to ensure clean and powerful sound.

Built-in **DSP**



The build-in DSP includes 8-band parametric, x-over, phase adjustment and compressor. 3 modes (Music/Flat/ Low-cut) are switchable on the rear panel.

Applications - **VERSATILE**

Live performance

TW Series is a great choice for small performance, rental and touring applications. The TW's pole mount socket offers two positions - 0° and 5° - to direct the acoustic energy away from reflective surfaces and on to your audience where it belongs.

In combination with a T212Ba or TW218Ba subwoofer to get more low frequency.



Fixed installations

M8 rigging points and 35mm dual-angle pole mount socket allows convenient horizontal and vertical installation.

System specification

	TW8a	TW10a	TW12a	TW15a	TW215a	TW212Ma	TW218Ba	
Acoustical								
Type	2-way full range active speaker						Two-way Active Monitor	Dual 18" Active Subwoofer
Frequency Response(3dB)	70Hz-18kHz	65Hz-20kHz	50Hz-20kHz	45Hz-20kHz	42Hz-20kHz	55Hz-18kHz	40Hz-200Hz	
Max. SPL	113dB/119dB(peak)	118dB/127dB(peak)	124dB/130dB(peak)	127dB/133dB(peak)	132dB/138dB(peak)	130dB/136dB(peak)	132dB/138dB(peak)	
Coverage(H x V)	90° x 80°	90° x 60°	90° x 60°	90° x 60°	90° x 60°	45° x 100°	-	
Transducers								
HF	1 x 1"(25mm)	1 x 1.3"(34mm)	1 x 1.7"(44mm)	1 x 1.7"(44mm)	1 x 3"(75mm)	1 x 3"(75mm)	-	
LF	1 x 8"	1 x 10"	1 x 12"	1 x 15"	2 x 15"	2 x 12"	2 x 18"	
Physical								
Connectors	Input	2 x Combo(one with Mic/line switch)						1 x XLR
	Output	3 x XLR						1 x XLR
Enclosure	15mm Birch Plywood							21mm Birch Plywood
Finish	Black polyurethane coating							
Handles	-	2 x wooden handles	2 x wooden handles	2 x wooden handles	6 x wooden handles	2 x wooden handles	6 x wooden handles	
Pole Socket	-	35mm poles with 2 angles		-	-	-	-	
Rigging Points	9 x M8	12 x M10	12 x M10	12 x M10	11 x M10	-	-	
Dimensions(W x D x H)	270 x 225 x 408 mm	335 x 335 x 530mm	375 x 375 x 600mm	450 x 450 x 700mm	520 x 520 x 1090mm	740 x 532 x 416mm	567 x 786 x 1075mm	
Net Weight	9kg	16.4kg	21.1kg	28.7kg	53kg	33kg	86kg	
Accessories	1 x Wall mounting bracket (optional 1 x U bracket(optional))	-	-	-	2 x mobile caster (optional)	-	4 x mobile caster (optional)	
Amplifier								
Type	Class D	Class D	Class D	Class D	Class D	Class D	Class D	
Amplifier Power	250W	450W	1100W	1100W	1500W	1500W	4500W	
Input Impedance (line)	Balanced 20K Ω , Unbalanced 10K Ω	Balanced 95K Ω , Unbalanced 2K Ω	Balanced 20K Ω , Unbalanced 10K Ω	Balanced 95K Ω , Unbalanced 2K Ω	Balanced 20K Ω , Unbalanced 2K Ω	Balanced 20K Ω , Unbalanced 2K Ω	Balanced 20K Ω , Unbalanced 2K Ω	
THD + N	<0.1% @200Hz	<0.1% @200Hz	<0.1% @200Hz	<0.1% @200Hz	<0.5% @100Hz	<0.5% @100Hz	<0.5% @100Hz	
Power Supply								
Type	Switch mode							
Safety Operating Range	AC 220V-240V~, 50/60Hz, or AC 110V-120V~, 50/60Hz							
Voltage Selector	No							
Connectors	IEC						PowerCON	