

Professional Cinema Systems		
Model Image	Model Name	Specification



TYPE: Reference 1 - Elliptic

Frequency Response (±3dB)	40Hz - 28kHz
Power Rating	1,750 Watts AES
Sensitivity	98dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading	Line Loaded Bass Reflex
High Frequency Transducer	1 x 1" Elliptic
Midrange Transducer	2 x 8" High Output
Bass Transducer	1 x 15"
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	1,430mm x 458mm x 400mm (50.86" x 18.03" x 15.74")
Weight	65kg (143.32lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System



TYPE: Reference 2 - Elliptic

Frequency Response (±3dB)	45Hz - 28kHz
Power Rating	1,700 Watts AES
Sensitivity	96dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading	Line Loaded Bass Reflex
High Frequency Transducer	1 x 1" Elliptic
Midrange Transducer	2 x 8" High Output
Bass Transducer	2 x 12" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	1,740mm x 350mm x 200mm [216mm inc. driver] (68.50" x 13.77" x 7.87" [8.50" inc. driver])
Weight	53.8kg (118.60lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System



TYPE: 4-12

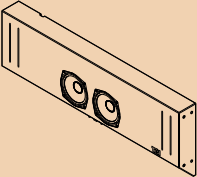
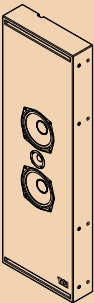
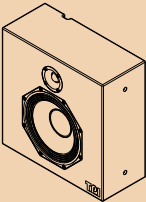
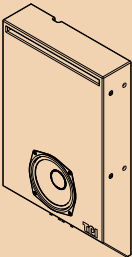
Frequency Response (±3dB)	45Hz - 20kHz
Power Rating	1,600 Watts AES
Sensitivity	95dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading	Line Loaded Bass Reflex
High Frequency Transducer	1 x 1" Forever-Pure Soft Dome
Midrange Transducer	1 x 8" High Output
Bass Transducer	2 x 12" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	1,740mm x 350mm x 200mm [216mm inc. driver] (68.50" x 13.77" x 7.87" [8.50" inc. driver])
Weight	53.8kg (118.60lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

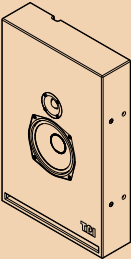







TYPE: 3-12

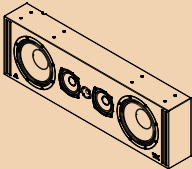
Frequency Response (±3dB)	50Hz - 20kHz
Power Rating	1,000 Watts AES
Sensitivity	95dB SPL. 1 Watt @ 1MTR
Nominal Impedance	8Ω
Acoustic Loading	Line Loaded Bass Reflex
High Frequency Transducer	1 x 1" Soft Dome
Midrange Transducer	1 x 8" High Output
Bass Transducer	1 x 12" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	1,000mm x 350mm x 100mm (39.37" x 13.77" x 3.94")
Weight	28.6kg (63lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

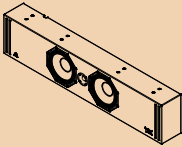
Model Image	Model Name	Specification	
	TYPE: 3-10PRO	Frequency Response (±3dB)	65Hz - 20kHz
		Power Rating	500 Watts AES
		Sensitivity	96dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	Optimised "Q" sealed box
		High Frequency Transducer	1 x 1" Soft Dome
		Midrange Transducer	2 x 6.5" High Output
		Bass Transducer	Ultra-long-throw inverted voice coil - 10" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	891mm x 350mm x 100mm (35.07" x 13.77" x 3.94")
		Weight	28.0kg (61.72lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: 3-8	Frequency Response (±3dB)	80Hz - 20kHz
		Power Rating	800 Watts AES
		Sensitivity	98dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	Line Loaded Bass Reflex
		High Frequency Transducer	1 x 1" Soft Dome
		Midrange Transducer	2 x 8" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	650mm x 350mm x 200mm (25.82" x 13.77" x 7.87")
		Weight	15.8kg (34.83lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
			TYPE: 3-8H (Chamfered Box) Horizontal For Height Applications
Power Rating	800 Watts AES		
Sensitivity	98dB SPL. 1 Watt @ 1MTR		
Nominal Impedance	4Ω		
Acoustic Loading	Line Loaded Bass Reflex		
High Frequency Transducer	1 x 1" Soft Dome		
Midrange Transducer	2 x 8" High Output		
Enclosure Material	Moisture Resistant CDF		
Input Connectors	Phoenix 4 Way		
Dimensions (HxWxD)	650mm x 350mm x 180mm (25.59" x 13.77" x 7.08")		
Weight	9kg (19.84lbs)		
Finish	Textured Anti-Reflection Black Polyurethane Protection		
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System		
	TYPE: 3-8SL (Slimline Version)		
		Power Rating	800 Watts AES
		Sensitivity	98dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	Line Loaded Bass Reflex
		High Frequency Transducer	1 x 1" Soft Dome
		Midrange Transducer	2 x 8" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	800mm x 240mm x 200mm (31.49" x 9.44" x 7.87")
		Weight	14.8kg (32.62lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
		TYPE: 3-6D (DIPOLE)	
(Shipping from May 2025)			

Model Image	Model Name	Specification	
	TYPE: 3-6H (Chamfered Box)	Frequency Response (±3dB) Power Rating Sensitivity Nominal Impedance Acoustic Loading High Frequency Transducer Midrange Transducer Enclosure Material Input Connectors Dimensions (HxWxD) Weight Finish Optional Accessories	80Hz - 20kHz 600 Watts AES 97dB SPL. 1 Watt @ 1MTR 4Ω Line Loaded Bass Reflex 1 x 1" Soft Dome 2 x 6.5" High Output Moisture Resistant CDF Phoenix 4 Way 370.6mm x 1,055mm x 101.6mm (14.59" x 41.53" x 4.00") 15.2kg (33.51lbs) Textured Anti-Reflection Black Polyurethane Protection Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: 3-6PRO	Frequency Response (±3dB) Power Rating Sensitivity Nominal Impedance Acoustic Loading High Frequency Transducer Midrange Transducer Enclosure Material Input Connectors Dimensions (HxWxD) Weight Finish Optional Accessories	80Hz - 20kHz 600 Watts AES 97dB SPL. 1 Watt @ 1MTR 4Ω Line Loaded Bass Reflex 1 x 1" Soft Dome 2 x 6.5" High Output Moisture Resistant CDF Phoenix 4 Way 1,061mm x 350mm x 100mm (41.77" x 14.56" x 3.94") 15.3kg (33.73lbs) Textured Anti-Reflection Black Polyurethane Protection Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: 2-8	Frequency Response (±3dB) Power Rating Sensitivity Nominal Impedance Acoustic Loading High Frequency Transducer Midrange Transducer Enclosure Material Input Connectors Dimensions (HxWxD) Weight Finish Optional Accessories	80Hz - 20kHz 400 Watts AES 95dB SPL. 1 Watt @ 1MTR 8Ω "VQ" Acoustic Suspension 1 x 1" Soft Dome 1 x 8" High Output Moisture Resistant CDF Phoenix 4 Way 350mm x 350mm x 150mm (13.77" x 13.77" x 5.90") 7.6kg (16.75lbs) Textured Anti-Reflection Black Polyurethane Protection Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: 2-6D (DIPOLE) (Shipping from May 2025)	1 x 6.5" Woofer, 2 x 1" Softdome Tweeter - 80-20kHz - 680W - 4Ω - 96dB - 100mm	
	TYPE: 2-6H (Chamfered Box)	Frequency Response (±3dB) Power Rating Sensitivity Nominal Impedance Acoustic Loading High Frequency Transducer Midrange Transducer Enclosure Material Input Connectors Dimensions (HxWxD) Weight Finish Optional Accessories	80Hz - 20kHz 300 Watts AES 96dB SPL. 1 Watt @ 1MTR 8Ω "VQ" Acoustic Suspension 1 x 1" Soft Dome 1 x 6.5" High Output Moisture Resistant CDF Phoenix 4 Way 584mm x 350mm x 100mm (21.99" x 13.77" x 3.93") 8.6kg (18.95lbs) Textured Anti-Reflection Black Polyurethane Protection Mounting Bracket, TRB Total Mechanical Isolation System

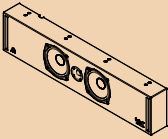
Model Image	Model Name	Specification	
	TYPE: 2-6PRO	Frequency Response (±3dB)	80Hz - 20kHz
		Power Rating	300 Watts AES
		Sensitivity	96dB SPL, 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Bass Reflex
		High Frequency Transducer	1 x 1" Soft Dome
		Midrange Transducer	1 x 6.5" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	548mm x 350mm x 100mm (21.57" x 13.77" x 3.93")
		Weight	8.2kg (18.09lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

Movement Systems		
Model Image	Model Name	Specification
	TYPE: MOVEMENT REFERENCE L LCR Speaker	Large Direct View LCR - UPPER & LOWER Speakers
		2 x 12" + 2 x 6.5" ELLIPTIC + 1" ELLIPTIC Inc Brackets
	TYPE: MOVEMENT REFERENCE M LCR Speaker	Medium Direct View LCR - UPPER & LOWER Speakers
		2 x 8" ELLIPTIC + 1" ELLIPTIC Inc Brackets
	TYPE: MOVEMENT REFERENCE S LCR Speaker	Small Direct View LCR - UPPER & LOWER Speakers
		2 x 6" ELLIPTIC + 1" ELLIPTIC Inc Brackets
	TYPE: MOVEMENT PROFESSIONAL LCR Speaker	Commercial Direct View LCR - UPPER & LOWER Speakers
		8" HORN + 1 x 12" HORN + 1.4 CARBON HORN" Inc Brackets
	(Shipping from May 2025)	

	TYPE: MOVEMENT L LCR Speaker	Frequency Response (±3dB)	45Hz - 20kHz
		Power Rating	1,600 Watts AES
		Sensitivity	96dB SPL, 1 Watt @ 1MTR full bandwidth
		Nominal Impedance	4Ω
		Acoustic Loading	Line Loaded Bass Reflex
		High Frequency Transducer	1 x 1" Forever-Pure Soft Dome
		Midbass Transducer	2 x 6" High Output
		Bass Transducer	2 x 12" High Output
		Input Connectors	Phoenix 4 Way
		Dims (HxWxD)	381mm x 1,146mm x 173.2mm (15.00" x 45.11" x 6.81")
		Weight	53.8kg (118.60lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection

	TYPE: MOVEMENT M LCR Speaker	Frequency Response (±3dB)	80Hz - 20kHz
		Power Rating	800 Watts AES
		Sensitivity	98dB SPL, 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	Line Loaded Bass Reflex
		High Frequency Transducer	1 x 1" Forever-Pure Soft Dome
		Midbass Transducer	2 x 8" High Output
		Input Connectors	Phoenix 4 Way
		Dims (HxWxD)	240mm x 1,123mm x 139.7mm (9.44" x 44.21" x 5.50")
		Weight	15.8kg (34.83lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection

Model Image	Model Name	Specification
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TYPE: MOVEMENT S LCR Speaker

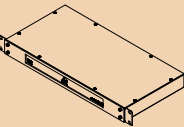
Frequency Response (±3dB)	80Hz - 20kHz
Power Rating	600 Watts AES
Sensitivity	97dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading:	Line Loaded Bass Reflex
High Frequency Transducer	1 x 1" Forever-Pure Soft Dome
Midbass Transducer	2 x 6" High Output
Input Connectors	Phoenix 4 Way
Dims (HxWxD)	203.2mm x 914.4mm x 100mm (8.00" x 36.00" x 3.93")
Weight	15.2kg (33.51lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection

TYPE: MOVEMENT COMPACT
4" High 4" Deep. 18" Long

Residential Direct View Loudspeaker system. 4 x 3" High Output + 1 x 1" Inc Bracket

MAY BE USED AS SOUNDBAR

(Shipping from May 2025)

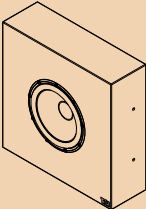


TYPE: Movement Controller

DVC3 & DVC5

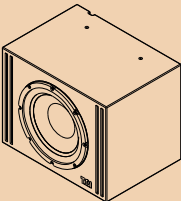
Power Rating	90-250 VAC, 50-60hZ, <40W 3 Pin IES Input Fused
Maximum Level	>20dB
Dynamic Range	>120dB (20Hz - 20kHz A-Weighted)
Source Impedance	>60
THD +N (-10dB @1kHz)	±0.003dB
Input Channels	3 (DVC3) or 5 (DVC5) Balanced audio on Phoenix connectors.
Output Channels	6 (DVC3) or 10 (DVC5) Balanced audio on Phoenix connectors.
Dimensions (HxWxD)	1U 44mm x 430mm x 296.5mm (1.73" x 16.92" x 11.67")
Weight	3.4kg (7.49lbs)

Professional Cinema Subwoofer Systems		
Model Image	Model Name	Specification



TYPE: BM-12

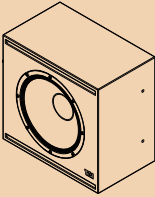
Frequency Response (±3dB)	40Hz - 150Hz
Power Rating	500 Watts AES
Sensitivity	90dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading	Optimised Q Acoustic Suspension
Bass Transducer	1 x 12" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	620mm x 620mm x 200mm (24.40" x 24.40" x 7.87") (24.40" x 24.40" x 7.87" [8.35" inc. driver])
Weight	23.4kg (51.59lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System



TYPE: BM-12HP

Frequency Response (±3dB)	40Hz - 200Hz
Power Rating	1,000 Watts AES
Sensitivity	93dB SPL. 1 Watt @ 1MTR
Nominal Impedance	8Ω
Acoustic Loading	Line Loaded Quasi Bass Reflex
Bass Transducer	1 x 12" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	388mm x 485mm x 349mm [359mm inc. driver] (15.27" x 19.09" x 13.74" [14.13" inc. driver])
Weight	21.9kg (48.28lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

Model Image	Model Name	Specification
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TYPE: BM-15

Frequency Response (±3dB)	45Hz - 150Hz
Power Rating	1,400 Watts AES
Sensitivity	95dB SPL. 1 Watt @ 1MTR
Nominal Impedance	8Ω
Acoustic Loading	Line Loaded Quasi Bass Reflex
Bass Transducer	1 x 15" High Output
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	520mm x 550mm x 330mm (20.47" x 21.65" x 12.99")
Weight	28.9kg (63.72lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

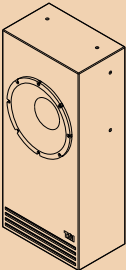


TYPE: BM-68PRO

Frequency Response (±3dB)	40Hz - 150Hz
Power Rating	2 x 800 Watts AES
Sensitivity	92dB SPL. 1 Watt @ 1MTR
Nominal Impedance	3 x 2Ω
Acoustic Loading	Line Loaded Quasi Bass Reflex
Bass Transducer	6 x 8" Long Throw LF, Fully Recessed
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	Individual Elements - 1,218mm x 355.6mm x 101.6mm (47.95" x 14.00" x 4.00") Overall System - 2,439mm x 355.6mm x 101.6mm (96.02" x 14.00" x 4.00")
Weight	44kg (97lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

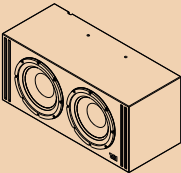
TYPE: CS-12SL

1 x 12" Woofer, 25-150Hz - 1,000W - 4Ω - 89dB - 150mm/6" DEEP



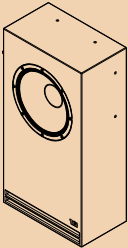
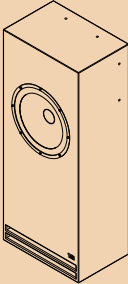
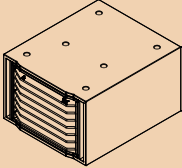
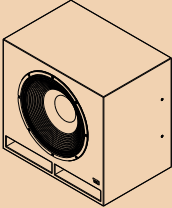
TYPE: CS-12

Frequency Response (±3dB)	35Hz - 200Hz
Power Rating	1,000 Watts AES
Sensitivity	93dB SPL. 1 Watt @ 1MTR
Nominal Impedance	8Ω
Acoustic Loading	Line Loaded Quassi Bass Reflex
Bass Transducer	1 x 12"
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	864mm x 383mm x 244.5mm (34.01" x 15.07" x 9.62")
Weight	25.6kg (56.44lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

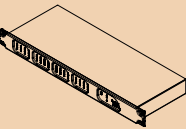


TYPE: CS-212

Frequency Response (±3dB)	30Hz - 150Hz
Power Rating	2,000 Watts AES
Sensitivity	96dB SPL. 1 Watt @ 1MTR
Nominal Impedance	4Ω
Acoustic Loading	Line Loaded Quassi Bass Reflex
Bass Transducer	2 x 12"
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	388mm x 846mm x 359mm (15.27" x 33.30" x 14.13")
Weight	36kg (79.36lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

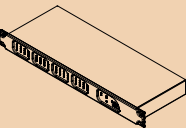
Model Image	Model Name	Specification	
	TYPE: CS-15	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	1,400 Watts AES
		Sensitivity	95dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Quassi Bass Reflex
		Bass Transducer	1 x 15"
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	1,006mm x 520mm x 300mm (39.60" x 20.47" x 11.81")
		Weight	31.2kg (79.36lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: CS-18	Frequency Response (±3dB)	18Hz - 150Hz
		Power Rating	1,600 Watts AES
		Sensitivity	99dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Quassi Bass Reflex
		Bass Transducer	1 x 18"
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	1,457mm x 602mm x 400mm (57.36" x 23.70" x 15.74")
		Weight	72kg (158.76lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: MOVEMENT SUB	Frequency Response (±3dB)	18Hz - 150Hz
		Power Rating	1,600 Watts AES
		Sensitivity	99dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Quassi Bass Reflex
		Bass Transducer	1 x 18" High Output
		Input Connectors	Phoenix 4 Way
		Dims (HxWxD)	526mm x 770mm x 907mm (20.70" x 30.31" x 35.70")
		Weight	80.6kg (177.69lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System
	TYPE: SEISM	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	1,800 Watts AES
		Sensitivity	99dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line loaded quasi bass reflex
		Bass Transducer	1 x 21" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	749mm x 790mm x 534.6mm (29.48" x 31.10" x 21.04")
		Finish	Textured Anti-Reflection Black Polyurethane Protection
		Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

DSP Systems		
Model Image	Model Name	Specification



TYPE: DIRECTOR

Power Rating	90-250 VAC, 50-60hZ, <40W 3 Pin IES Input Fused
Maximum Level	>20dBu
Dynamic Range	>119dB (20Hz - 20kHz A-Weighted)
Source Impedance	>60
THD +N (-10dB @1kHz)	±0.05dB
Latency	0.283mS
IO Configuration	16 Dante/AES67 Input Matrix - 16 Balanced Analog Output Channels
DSP Sample Rate	96kHz
Output Processing	16 parametric EQ bands per channel Low shelf, high shelf, notch, bandpass Crossover filters up to 48dB/OCT Band gain, output gain (-30dB to +15dB, polarity) Delay (up to 1.3s per channel) Output limiter & 2 stage PXL linear
Comms	100MBPS Ethernet on rear panel RJ45 & 4 x GPIO
IP and OP Connector	3 Pin 5.08mm Pitch Phoenix Connector
Dimensions (HxWxD)	44mm x 482.6mm x 170mm (1.73" x 19.00" x 6.69") Includes rear rack support. 19" rack mount enclosure
Weight	2.2kg (4.85lbs) Nett 3.4kg (7.49lbs) shipping
Optional Accessories	Remote control panel VR1-UK, VR1-US or VR2



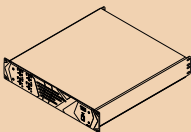
TYPE: PRODUCER

Power Rating	90-250 VAC, 50-60hZ, <40W 3 Pin IES Input Fused
Maximum Level	>20dBu
Dynamic Range	>119dB (20Hz - 20kHz A-Weighted)
Source Impedance	>60
THD +N (-10dB @1kHz)	±0.05dB
Latency	0.283mS
IO Configuration	8 Dante/AES67 Input Matrix & 8 Balanced Analog Inputs 8 Dante/AES67 output Matrix & 8 Balanced Analog Outputs
DSP Sample Rate	96kHz
Output Processing	16 parametric EQ bands per channel Low shelf, high shelf, notch, bandpass Crossover filters up to 48dB/OCT Band gain, output gain (-30dB to +15dB, polarity) Delay (up to 1.3s per channel) Output limiter & 2 stage PXL linear
Comms	100MBPS Ethernet on rear panel RJ45 & 4 x GPIO
IP and OP Connector	3 Pin 5.08mm Pitch Phoenix Connector
Dimensions (HxWxD)	44mm x 482.6mm x 170mm (1.73" x 19.00" x 6.69") Includes rear rack support. 19" rack mount enclosure
Weight	2.2kg (4.85lbs) Nett 3.4kg (7.49lbs) shipping
Optional Accessories	Remote control panel VR1-UK, VR1-US or VR2

Amplification Range

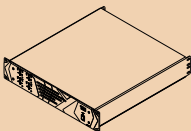


Amplification Systems		
Model Image	Model Name	Specification



TYPE: PM8HD

Power Rating 20Hz-20KHz	4 x 2,000W @ 4Ω, 4 x 1,000W @ 8Ω 2 x 2,000W @ 8Ω Bridged
Gain	28.5dB
T.H.D	Typical 0.05 4Ω 1kHz THD+N
Controls	3 Position (-∞/0dB/-20dB) micro toggle per channel, Power on switch
Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current Low AC Mains or 3 Sec. Mute on power up
Load Protection	DC on output, side chain TCA clip limiter circuit
Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
Audio Signal Inputs	Balanced Neutrik® female XLR input connected Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
Audio Signal Outputs	XLR male signal throughput each channel Neutrik® speakON each channel Channels 1 & 3 output speakON utilises 2+ & 2- Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system
Power Requirement	1 x Neutrik® 20A powerCON connector & 1 x 16A 230 VAC circuit Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
Weight	10kg (22.04lbs)
Optional Accessories	Class A analog crossover card 3U/5U tour racks



TYPE: PM2HD

Power Rating 20Hz-20KHz	4 x 1,000W @ 2Ω, 4 x 500W @ 4Ω, 4 x 250W @ 8Ω 2 x 1,000W @ 8Ω Bridged
Gain	20.5dB
T.H.D	Typical 0.05 4Ω 1kHz THD+N
Controls	3 Position (-∞/0dB/-20dB) micro toggle per channel, Power on switch
Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current Low AC Mains or 3 Sec. Mute on power up
Load Protection	DC on output, side chain TCA clip limiter circuit
Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
Audio Signal Inputs	Balanced Neutrik® female XLR input connected Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
Audio Signal Outputs	XLR male signal throughput each channel Neutrik® speakON each channel Channels 1 & 3 output speakON utilises 2+ & 2- Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system
Power Requirement	1 x Neutrik® 20A powerCON connector & 1 x 16A 230 VAC circuit Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
Weight	10kg (22.04lbs)
Optional Accessories	Class A analog crossover card 3U/5U tour racks

Amplification Range

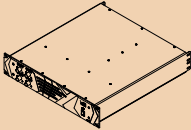
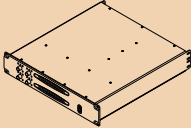
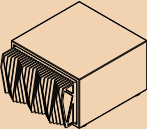


Model Image	Model Name	Specification	
	TYPE: PM10HP	Power Rating 20Hz-20KHz	5,000W @ 2Ω, 3,000W @ 4Ω, 1,500W @ 8Ω
		Gain	32dB
		T.H.D	Typical 0.05 4 Ohm 1kHz THD+N
		Controls	40 point potentiometer per channel, 2 x power on switch
		Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current
			Low AC Mains or 3 Sec. Mute on power up
		Load Protection	DC on output, side chain TCA clip limiter circuit
		Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
		Audio Signal Inputs	Balanced Neutrik® female XLR input connected Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
			XLR male signal throughput each channel
		Audio Signal Outputs	Neutrik® speakON each channel Channels 1 & 3 output speakON utilises 2+ & 2-
			Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system
		Power Requirement	2 x Neutrik® 20A powerCON connector & 2 x 16A 230 VAC circuit Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
		System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
		Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
		Weight	12kg (26.45lbs)
		Optional Accessories	3U/5U tour racks

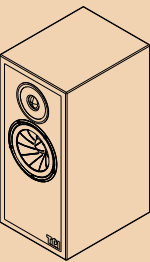
	TYPE: PM2000	Power Rating 20Hz-20KHz	4 x 500W @ 4Ω, 4 x 250W @ 8Ω 2 x 1000W @ 8Ω Bridged
		Gain	32dB
		T.H.D	Typical 0.09 4Ω 1kHz THD+N
		Controls	40 point potentiometer per channel, power on switch
		Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current
			Low AC Mains or 3 Sec. Mute on power up
		Load Protection	DC on output, side chain TCA clip limiter circuit
		Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
		Audio Signal Inputs	Balanced Neutrik® female XLR input connected Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
			XLR male signal throughput each channel
		Audio Signal Outputs	Neutrik® speakON each channel Channels 1 & 3 output speakON utilises 2+ & 2-
			Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system
		Power Requirement	1 x Neutrik® 20A powerCON connector & 1 x 16A 230 VAC circuit Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
		System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
		Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
		Weight	10kg (22.04lbs)
		Optional Accessories	Full DSP control card with TPI Wand iPad Control Class A analog crossover card 3U/5U tour racks

Amplification Range



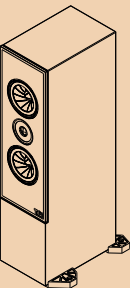
Model Image	Model Name	Specification	
	TYPE: PM8000	Power Rating 20Hz-20KHz	4 x 2000W @ 4Ω, 4 x 1000W @ 8Ω 2 x 2000W @ 8Ω Bridged
		Gain	32dB
		T.H.D	Typical 0.09 4Ω 1kHz THD+N
		Controls	40 point potentiometer per channel, power on switch
		Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current
			Low AC Mains or 3 Sec. Mute on power up
		Load Protection	DC on output, side chain TCA clip limiter circuit
		Amplifier Protection	Short circuit, current overload, thermal shutdown high frequency stability circuit
		Audio Signal Inputs	Balanced Neutrik® female XLR input connected Pin 1 -GND, Pin 2 -Hot+, Pin 3 - Cold-
			XLR male signal throughput each channel
		Audio Signal Outputs	Neutrik® speakON each channel Channels 1 & 3 output speakON utilises 2+ & 2-
			Connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker system
		Power Requirement	1 x Neutrik® 20A powerCON connector & 1 x 16A 230 VAC circuit Power range 220 VAC-240 VAC or 120 VAC (configured at factory)
		System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
		Dimensions (HxWxD)	88mm x 482.6mm x 491mm (3.46" x 19.00" x 19.33")
		Weight	10kg (22.04lbs)
		Optional Accessories	Full DSP control card with TPI Wand iPad Control Class A analog crossover card 3U/5U tour racks
	TYPE: PM8HD-DSP-DANTE	Power Rating 20Hz-20KHz	4 x 2000W @ 4Ω, 4 x 1000W @ 8Ω
		Gain	32dB
		T.H.D	Typical 0.03% 4Ω 1kHz
		Frequency Response	20Hz - 20kHz +- 0.5dB
		Controls	40 point potentiometer per channel, power on switch
		Indicators	Signal Green = -20dB, Signal Yellow = -3dB Signal Red = Clip, Signal Red Protect = Over Current
			Low AC Mains or 3 Sec. Mute on power up
		Load Protection	DC on output, precision clip limiter circuit
		Amplifier Protection	Short circuit, current overload, thermal shutdown, high frequency stability circuit
		Audio Signal Inputs	Analogue Balanced Neutrik® Female XLR input each channel Pin 1 - GND, Pin 2 - Hot +, Pin 3 - Cold
			Digital Dante AES67
		Audio Power Outputs	Neutrik® speakON each channel. Channels 1 and 3 output speakON utilises 2+ and 2- connection to allow use of 4 core loudspeaker cable for bi amp loudspeaker systems. Bridged output possible
		Power Requirement	1 x Neutrik® 20A powerCON connector 1 x 16 A 230 VAC Circuit Power range 185 V-230 VAC 120 V (configured at factory)
		System Cooling	High CFM 80mm fan with proportional signal speed control. Rear to front airflow
		Dimensions (HxWxD)	88mm x 482.6mm x 510mm (3.46" x 19.00" x 20.07")
		Weight	10.5kg (23.14lbs)
		Optional Accessories	Full DSP control card with TPI Wand iPad Control Class A analog crossover card 3U/5U tour racks
	TYPE: TPI PM165	Power Rating	Dual 160 Wrms Mono Construction
		Voltage Input	230V AC Internally Switchable 120V AC
		Input Impedence	10KΩ
		C.M.R.R	- 70dB >
		Signal / Noise	16kg (35.27lbs) 110dB (A WTD)
		Frequency Response	< 10Hz > 300kHz (-3dB)
		Input Sensitivity	1.5V Max Output
		T.H.D	<0.002%, -95dB @ 1KHz
		Load Protection	Over temperature, over current, phase and neutral protection
		Audio Signal Inputs	Balanced Neutrik female XLR
		Audio Signal Outputs	Neutrik® NL4 Speakon
		Enclosure Material	Aluminiua trihydrate reinforced polymer
		Finish	Satin polished
		System Dimensions (HxWxD)	191mm x 291mm x 351.4mm (7.51" x 11.45" x 13.83")
		Weight	16kg (35.27lbs)
		Optional Accessories	Padded ballistic cordura luggage, 5M output cables

Residential		
Model Image	Model Name	Specification



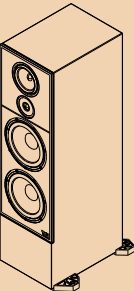
TYPE: HF1

Frequency Response (±3dB)	40Hz - 22kHz freestanding
Power Rating	100 Watts AES 200 Watts Peak
Sensitivity	89dB SPL . 1 Watt @ 1MTR. Max SPL 108dB
Nominal Impedance	4Ω
Crossover Frequency	5kHz TPI Hybrid Phase Beating System
High Frequency Transducer	1 x Elliptic Dome Tweeter
Midbass Transducer	1 x 6.5" midbass custom paper cone symmetrical drive motor
Acoustic Loading	Resistive line loaded reflex
Enclosure Material	Aluminia trihydrate reinforced polymer
Baffle Material	Satin finish multi-ply carbon fibre
Finish	Satin polished - Arctic White, Cosmic (Custom colour options at additional cost)
Input Connector	Mundorf 4mm binding posts
Dimensions (HxWxD)	550mm x 253mm x 318mm [346.4mm inc. binding posts] (21.65" x 9.96" x 12.51" [13.63" inc. binding posts])
Weight	27.4kg (60.40lbs)
Optional Accessories	Class A Active Crossover System, Custom Baffle Finish Options, Aerospace Cable Set



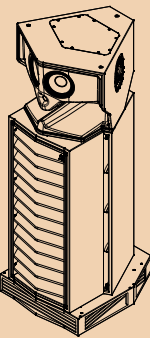
TYPE: HF2 MK2

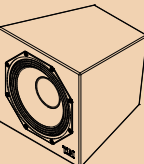
Frequency Response (±3dB)	35Hz - 22kHz freestanding
Power Rating	200 Watts AES 350 Watts Peak
Sensitivity	91dB SPL . 1 Watt @ 1MTR. Max SPL 112dB
Nominal Impedance	4Ω
Crossover Frequency	500Hz / 5kHz TPI Hybrid Phase Beating System
High Frequency Transducer	1 x Elliptic dome tweeter
Bass Transducer	2 x 6.5" custom paper cone symmetrical drive motor
Acoustic Loading	Resistive line loaded reflex
Enclosure Material	Aluminia trihydrate reinforced polymer
Baffle Material	Satin finish multi-ply carbon fibre
Finish	Satin polished - Arctic White, Cosmic (custom colour options at additional cost)
Input Connector	Mundorf 4mm binding posts
Dimensions (HxWxD)	1,165mm x 407mm x 478.1mm (45.86" x 16.02" x 18.82")
Weight	79.2kg (174.60lbs)
Optional Accessories	Class A Active Crossover System, Custom baffle finish options

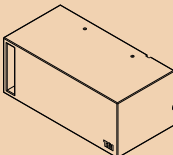


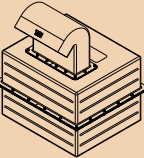
TYPE: HF3

Frequency Response (±3dB)	25Hz - 22kHz
Power Rating	500 Watts AES 1,000 Watts Peak
Sensitivity	90dB SPL . 1 Watt @ 1MTR. Max SPL 115dB
Nominal Impedance	4Ω
Crossover Frequency	500Hz / 5kHz TPI Hybrid Phase Beating System
High Frequency Transducer	1 x Elliptic dome tweeter
Midrange Transducer	1 x 6.5" midbass Elliptical paper cone
Bass Transducer	2 x 11" Long throw ultra low distortion, high power handling paper sandwich cone.
Acoustic Loading	Resistive Line Loaded Reflex
Enclosure Material	Aluminia trihydrate reinforced polymer
Baffle Material	Satin finish multi-ply carbon fibre
Finish	Satin polished - Arctic White, Cosmic (custom colour options at additional cost)
Input Connector	Mundorf 4mm binding posts
Dimensions (HxWxD)	1,292mm x 484.6mm x 538.9mm (50.86" x 19.07" x 21.21")
Weight	112kg (246.91lbs)
Optional Accessories	Class A Active Crossover System, Custom baffle finish options

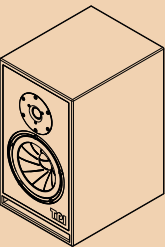
Model Image	Model Name	Specification	
	TYPE: MLF	Frequency Response (±3dB)	28Hz - 22kHz freestanding
		Power Rating (Full Range Box)	700 Watts AES 1,200 Watts Peak
		Power Rating (Subwoofer*)	1,200 Watts AES 2,000 Watts Peak
		Sensitivity	98dB SPL . 1 Watt @ 1MTR
		Horizontal Dispersion	100° (averaged 200-12kHz)
		Vertical Dispersion Angle	30° (averaged 200-12kHz)
		Crossover Frequencies	6kHz (HF) / 6kHz-250Hz (Mid) / 250Hz-80Hz (Bass) / 80Hz (Sub)
		High Frequency Transducer	1 x 1.4" Hybrid Compression Driver
		Midrange Transducers	2 x 8" Linear Paper Cone
		Bass Transducer	1 x 15" Linear Paper Cone
		Subwoofer Transducers	2 x 15" Long Excursion Linear Paper Drive Cone
		Enclosure Material	Finnish Birch Plywood / Carbon Fibre Composite
		Finish	Natural Oiled or Textured Polyurethane Protection (Custom RAL Colours Upon Request)
		Input Connector	1 x Neutrik® 32A powerCON 1 x Neutrik® 3 Pole XLR 1 x Ethercon RJ45 (Interconnectivity NL4/NL8)
		Dimensions (HxWxD)	1905mm x 759mm x 827mm (75" x 29.88" x 32.56")
		Weight	147kg (324.08lbs)

Outdoor Speakers			
Model Image	Model Name	Specification	
	TYPE: M08 WATERPROOFED OUTDOOR USE	Frequency Response (±3dB)	70Hz - 20kHz
		Power Rating	250 Watts AES
		Sensitivity	95dB SPL. 1 Watt @ 1MTR/1kHz
		Nominal Impedance	8Ω
		Transducer Compliment	1 x 8" + 1 x 1.25" Coaxial
		Nominal Dispersion	Horizontal 60 Degrees Vertical 60 Degrees
		Enclosure Material	Alumina Trihydrate Reinforced Polymer
		Input Connectors	Neutrik® Speakon NL4
		Dimensions (HxWxD)	254.5mm x 254.5mm x 254.5mm (10.07" x 10" x 10.01")
		Weight	6kg (13.22lbs)
	Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request	
	Optional Accessories	Mounting brackets, pole mount	

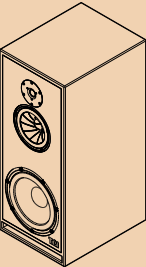
	TYPE: UC08	Frequency Response (±3dB)	30Hz - 150Hz
	WATERPROOFED OUTDOOR USE	Power Rating	250 Watts AES
		Sensitivity	92dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	4TH Order Bandpass (S=0.5 Low Ripple / Critically Damped Tuned Alignment)
		Bass Transducer	1 x DVC 8" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	255mm x 600mm x 300mm (10.03" x 23.62" x 11.81")
		Weight	13kg (28.66lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request		
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System		

	TYPE: DEPTH CHARGE WATERPROOFED OUTDOOR USE (Shipping from February 2025)	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	1,400 Watts AES
		Sensitivity	96dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	4th order low distortion symmetrically loaded bandpass
		Bass Transducer	1 x 15" High Output
		Input Connectors	Amphenol IP64
		Dims (HxWxD)	706mm x 595mm x 521mm (27.79" x 23.42" x 20.51")
		Enclosure Material	Carbon fibre reinforced polymer
		Finish	Natural Black

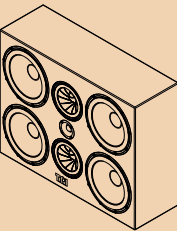
Studio		
Model Image	Model Name	Specification



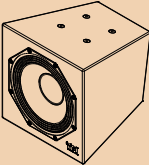
TYPE: RN1	Frequency Response (±3dB)	45Hz - 22kHz freestanding
	Power Rating	120 Watts AES 180 Watts Peak
	Sensitivity	90dB SPL . 1 Watt @ 1MTR. Max SPL 108dB
	Nominal Impedance	4Ω
	Crossover Frequency	5kHz TPI Hybrid Phase Beating System
	High Frequency Transducer	1 x 1" HF/ custom textile dome symmetrical drive motor
	Midbass Transducer	1 x 6.5" midbass custom paper cone symmetrical drive motor
	Acoustic Loading	Resistive line loaded reflex
	Enclosure Material	Acrylic Composite
	Baffle Material	Satin finish multi-ply carbon fibre
	Finish	Satin polished - Arctic White, Cosmic (Custom colour options at additional cost)
	Input Connector	Neutrik® NL4
	Dimensions (HxWxD)	411.4mm x 238mm x 298mm (16.19" x 9.37" x 11.73")
	Weight	15.6kg (34.39lbs)
	Optional Accessories	Padded ballistic Cordura luggage, Mass loaded stands

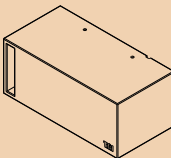
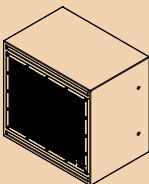
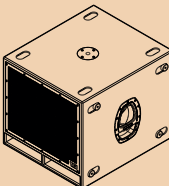
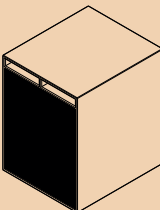
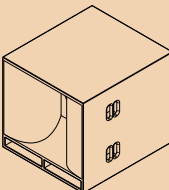


TYPE: M200	Frequency Response (±3dB)	27Hz - 20KHz
	Power Rating	300 Watts AES
	Crossover Type	Passive
	Crossover Frequencies	4KHz, 500Hz
	Sensitivity	89dB SPL . 1 Watt @ 1MTR.
	Max SPL	115dB
	Nominal Impedance	6Ω Nominal
	Recommended Amplifier Power	300 Watts - 650 Watts unclipped programme
	Connector	1 x Neutrik® NL4
	Drive Units	HF: 1 x 1" Textile dome symmetrical drive motor
		MID: 1 x 8" Sandwich paper cone Neodymium motor
		LF: 1 x 12" Paper sandwich cone with foam filling
	Symmetrical drive motor	
	Dimensions (HxWxD)	800mm x 380mm x 500mm (31.49" x 14.96" x 19.68")
	Finish	Natural: vaneer grade finnish birch plywood with 2k polyurethane satin lacquer
		Black: textured tour grade polyurethane anti-scratch coating
		Custom colours available upon request



TYPE: M300	Frequency Response (±3dB)	25Hz - 30KHz
	Power Rating	Tri-amped 650 Watts AES + 650 Watts AES + 300 Watts AES
	Crossover Type	Passive tri-input
	Crossover Frequencies	4KHz, 500Hz
	Sensitivity	90dB (2.83V 1 M)
	Max SPL	118dB
	Nominal Impedance	4Ω Nominal
	Recommended Amplifier Power	1 x PM2HD
	Connector	1 x Neutrik® NL4, 1 x Neutrik® NL8
	Drive Units	HF: 1 x 1" Textile dome symmetrical drive motor
		MID: 2 x 6.5" Sandwich paper cone Neodymium motor
		LF: 4 x 12" Paper sandwich cone with foam filling
	Symmetrical drive motor	
	Dimensions (HxWxD)	700mm x 890mm x 394mm (27.55" x 35.04" x 15.51")
	Finish	Natural: vaneer grade finnish birch plywood with 2k polyurethane satin lacquer
		Black: textured tour grade polyurethane anti-scratch coating
		Custom colours available upon request

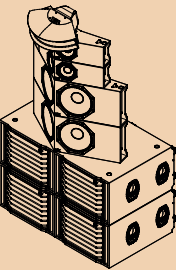
High Output Speakers			
Model Image	Model Name	Specification	
	TYPE: FV1	Frequency Response (±3dB)	50Hz - 20kHz
		Power Rating	800 Watts AES
		Sensitivity	98dB SPL. 1 Watt @ 1MTR/1kHz
		Nominal Impedance	4Ω
		Acoustic Loading	Low "Q" resistive reflex
		Mid / High Frequency Transducer	2 x 8" + 1.25" Coaxial
		Bass Transducers	2 x 8" High Output
		Enclosure Material	Finnish Birch Plywood
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	250mm x 974mm x 369mm (9.84" x 38.34" x 14.52")
		Weight	24.8kg (54.67lbs)
		Finish	Black Textured, White Satin, RAL colours by request
		Optional Accessories	Mounting brackets, 195/8 pole brackets
	TYPE: MM8	Frequency Response (±3dB)	70Hz - 20kHz
		Power Rating	250 Watts AES
		Sensitivity	95dB SPL. 1 Watt @ 1MTR/1kHz
		Nominal Impedance	8Ω
		Transducer Compliment	1 x 8" + 1 x 1.25" Coaxial
		Nominal Dispersion	Horizontal 60 Degrees Vertical 60 Degrees
		Enclosure Material	Alumina Trihydrate Reinforced Polymer (EN Version) or Birch Plywood (Standard version)
		Input Connectors	Neutrik® speakON NL4
		Dimensions (HxWxD)	254.5mm x 254.5mm x 254.5mm (10.07" x 10" x 10.01")
		Weight	6kg (13.22lbs)
		Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request
		Optional Accessories	Mounting brackets, pole mount
	TYPE: MM6 (Shipping from February 2025)	Frequency Response (±3dB)	100Hz - 20kHz
		Power Rating	200 Watts AES
		Sensitivity	90dB SPL. 1 Watt @ 1MTR/1kHz
		Nominal Impedance	4Ω
		Transducer Compliment	1 x 6.5" + 1 x 1" Coaxial
		Nominal Dispersion	Horizontal 60 Degrees Vertical 60 Degrees
		Enclosure Material	Alumina Trihydrate Reinforced Polymer (EN Version) or Birch Plywood (Standard version)
		Input Connectors	Speakon NL4
		Dimensions (HxWxD)	205mm x 205mm x 204mm (8.07" x 8.07" x 8.03")
		Weight	n/a
		Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request
		Optional Accessories	Mounting brackets, pole mount
	TYPE: MM3 (Shipping from February 2025)	1 x 3" 100Hz-20kHz - 80W - 8Ω - 91dB	
	TYPE: V28	Frequency Response (±3dB)	60Hz - 20kHz
		Power Rating	500 Watts AES
		Sensitivity	98dB SPL. 1 Watt @ 1MTR/1kHz
		Nominal Impedance	4Ω
		Transducer Compliment	2 x 8" + 1" Coaxial
		Nominal Dispersion	Horizontal 110 degrees Vertical 60 degrees
		Enclosure Material	Alumina Trihydrate Reinforced Polymer (EN Version) or Birch Plywood (Standard version)
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	250mm x 573mm x 237mm (9.84" x 22.55" x 9.33")
		Weight	11.2kg (24.69lbs)
		Finish	Black Textured, White Satin, RAL colours by request
		Optional Accessories	Mounting brackets, 195/8 pole brackets

High Output Subwoofers			
Model Image	Model Name	Specification	
	TYPE: UCB8	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	250 Watts AES
		Sensitivity	92dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	4Ω
		Acoustic Loading	4TH Order Bandpass (S=0.5 Low Ripple / Critically Damped Tuned Alignment)
		Bass Transducer	1 x DVC 8" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	255mm x 600mm x 300mm (10.03" x 23.62" x 11.81")
		Weight	13kg (28.66lbs)
	Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request	
	TYPE: UC15G	Frequency Response (±6dB)	35Hz - 150Hz
		Power Rating	1,400 Watts AES
		Sensitivity	95dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Quasi Bass Reflex
		Bass Transducer	1 x 15" High output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Neutrik® speakON NL4
		Dimensions (HxWxD)	525mm x 550mm x 330mm (20.66 x 21.65" x 13.00")
		Weight	29.4kg (64.81lbs)
	Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request	
	TYPE: UB15	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	1,400 Watts AES
		Sensitivity	95dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line Loaded Quasi Bass Reflex
		Bass Transducer	1 x 15" High output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Neutrik® speakON NL4
		Dimensions (HxWxD)	530mm x 550mm x 630mm (20.86" x 21.65" x 24.80")
			Finish
	TYPE: UB18	Frequency Response (±3dB)	35Hz - 200Hz
		Power Rating	1,400 Watts AES
		Sensitivity	98dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line loaded quasi bass reflex
		Bass Transducer	1 x 18" High output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Phoenix 4 Way
		Dimensions (HxWxD)	806mm x 600mm x 690mm (31.73" x 23.62" x 27.16")
		Weight	54.6kg (120.37lbs)
	Finish	Textured Anti-Reflection Black Polyurethane Protection	
	TYPE: UB21	Frequency Response (±3dB)	30Hz - 150Hz
		Power Rating	1,800 Watts AES
		Sensitivity	97dB SPL. 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Acoustic Loading	Line loaded quasi bass reflex
		Bass Transducer	1 x 21" High Output
		Enclosure Material	Moisture Resistant CDF
		Input Connectors	Neutrik® speakON NL4
		Dimensions (HxWxD)	789mm x 810mm x 900mm (31.06" x 31.88" x 35.43")
			Finish

High Output Range

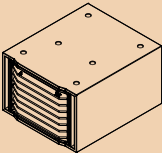


TYPE: TOTEM 2		
Model Image	Model Name	Specification



TYPE: TOTEM 2

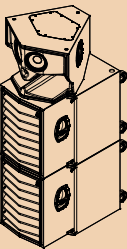
Frequency Response (±3dB)	18Hz - 20kHz freestanding
Power Rating	17,600 Watts AES
Sensitivity	98dB 1 Watt @ 1 Mtr (full bandwidth averaged)
Horizontal Dispersion	110° (averaged 200-12kHz)
Vertical Dispersion Angle	60° (averaged 200-12kHz)
Crossover Frequencies	12dB/oct But 6kHz HP, (MID) 6dB/oct But 6kHz LP - 6dB/oct But 300Hz HP, (MB) 6dB/oct But 300Hz LP - 24dB/oct LR 80Hz HP, (SUB) 24dB/oct LR 80Hz LP
High Frequency Transducer	(Carbon 2) 1 x Wide Dispersion Carbon Fibre 2" Horn
Midrange Transducer	(V8 x 2) 4 x 8" Linear Drive Paper Cone
Bass Transducer	(V15 x 2) 4 x 15" Linear Drive Paper Cone
Subwoofer Transducers	(Totem Subwoofer) 4 x 18" Linear Drive Long Throw Paper
Enclosure Material	Finnish Birch Plywood
Finish	Natural Oiled or Textured Polyurethane Protection
Input Connector	Neutrik® NL4 Touring Grade
Dimensions (HxWxD)	2685mm x 1543mm x 1045mm (105.70" x 60.74" x 41.14")
Weight	307kg (676.81lbs)
Optional Accessories	V-Tilt Horn Mount, SIP Pin Locking System, Padded Touring Covers & Flight Cases



TYPE: TOTEM 2 SUBWOOFER

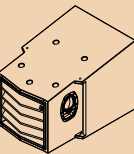
Frequency Response (±3dB)	20Hz - 150Hz
Power Rating	1,600 Watts AES
Sensitivity	98dB SPL. 1 Watt @ 1MTR
Nominal Impedance	8Ω
Acoustic Loading	Line Loaded Quassi Bass Reflex
Bass Transducer	1 x 18"
Enclosure Material	Moisture Resistant CDF
Input Connectors	Phoenix 4 Way
Dimensions (HxWxD)	526mm x 770mm x 907mm (20.70" x 30.31" x 35.70")
Weight	80.6kg (177.69lbs)
Finish	Textured Anti-Reflection Black Polyurethane Protection, RAL colours by request
Optional Accessories	Mounting Bracket, TRB Total Mechanical Isolation System

TYPE: MFR		
Model Image	Model Name	Specification



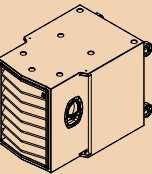
TYPE: MFR

Frequency Response (±3dB)	20Hz - 22kHz freestanding
Power Rating (Full Range Box)	700W Continuous Pink Noise 1,200W Peak
Power Rating (Subwoofer*)	1,600 Watts Continuous Pink Noise 5,200 Watts Peak
Sensitivity	98dB SPL . 1 Watt @ 1MTR
Horizontal Dispersion	100° (averaged 200-12kHz)
Vertical Dispersion Angle	30° (averaged 200-12kHz)
Crossover Frequencies	6kHz (HF) / 6kHz-250Hz (Mid) / 250Hz-80Hz (Bass) / 80Hz (Sub)
High Frequency Transducer	1 x 1.4" Hybrid Compression Driver
Midrange Transducers	2 x 8" Linear Paper Cone
Bass Transducer	1 x 15" Linear Paper Cone
Subwoofer Transducers	2 x 18" Long Excursion Linear Paper Drive Cone
Enclosure Material	Finnish Birch Plywood / Carbon Fibre Composite
Finish	Natural Oiled or Textured Polyurethane Protection
Input Connector	Neutrik® NL4 Touring Grade
Dimensions (HxWxD)	1992mm x 758mm x 907mm (78.34" x 29.84" x 35.70")
Weight	204kg (449.74lbs)

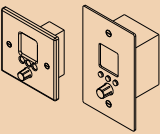


TYPE: MFR RISER

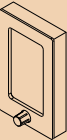
Frequency Response (±3dB)	80Hz - 500Hz freestanding
Power Rating	1,200 Watts AES
Sensitivity	98dB SPL . 1 Watt @ 1MTR
Bass Transducer	1 x 15" Linear Paper Cone
Enclosure Material	Finnish Birch Plywood / Carbon Fibre Composite
Finish	Natural Oiled or Textured Polyurethane Protection
Input Connector	Neutrik® NL4 Touring Grade
Dimensions (HxWxD)	472.7mm (f) 630.1mm (r) x 636mm x 902.2mm (18.61" (f) 24.80" (r) x 25.03" x 35.51")
Weight	59.4kg (130.95lbs)

Model Image	Model Name	Specification	
	TYPE: MFR SUBWOOFER	Frequency Response (±3dB)	20Hz-150Hz freestanding
		Power Rating	1,600 Watts AES
		Sensitivity	98dB SPL . 1 Watt @ 1MTR
		Nominal Impedance	8Ω
		Bass Transducer	1 x 18" Linear Paper Cone
		Enclosure Material	Finnish Birch Plywood / Carbon Fibre Composite
		Finish	Natural Oiled or Textured Polyurethane Protection
		Input Connector	Neutrik® NL4 Touring Grade
		Dimensions (HxWxD)	725mm x 636mm x 1044mm (28.54" x 25.03" x 41.10")
		Weight	77.6kg (171.07lbs)

Control Interface Systems		
Model Image	Model Name	Specification

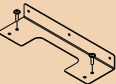


TYPE: VR1-GB	PoE System Wall Controller - LCD - 1 Gang UK
TYPE: VR1-US	PoE System Wall Controller - LCD - 1 Gang USA

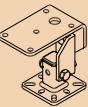


TYPE: VR2	PoE Touchscreen Wall Controller - In White/Silver/Black
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Accessories		
Model Image	Model Name	Specification



TYPE: BRK KIT	Cinema System Mounting Bracket Kit 2x Brackets with mounting bolts
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TYPE: WB50	M08 Wall / Ceiling Bracket The TPI WB50 is a versatile bracket with offset, tilt and swivel adjustment. Max weight: 18kg (39.68lbs)
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TYPE: YB40	M08 Wall / Ceiling Yoke Bracket The TPI YB40 is a versatile yoke bracket with tilt adjustment and M12 mounting hole. Max weight: 18kg (39.68lbs)
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TYPE: HF1 Loudspeaker Stand	For HF1 - High Tensile Anti-Resonance Open Frame Stand - 566mm
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TYPE: 24 UHSP CABLE	Aerospace Grade Loudspeaker Cable 2 x 4mm (Priced per Meter)
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TYPE: Pair 3 Meter Aero Cables	Terminated (4mm Banana/Spade/Speakon) Aerospace Grade Loudspeaker Cable 2 x 4mm (3 Meter Pair)
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Model	Height	Width	Depth	Weight
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Professional Cinema Systems				
TYPE: Reference 1 - Elliptic	1,432mm (56.37")	460mm (18.11")	400mm (15.74")	65kg (143.32lbs)
TYPE: Reference 2 - Elliptic	1,740mm (68.50")	350mm (13.77")	200mm (7.87")	53.8kg (118.6lbs)
TYPE: 4-12	1,740mm (68.50")	350mm (13.77")	200mm (7.87")	53.8kg (118.6lbs)
TYPE: 3-12	1,000mm (39.37")	350mm (13.77")	200mm (7.87")	28.6kg (63lbs)
TYPE: 3-10PRO	891mm (35.07")	350mm (13.77")	100mm (3.93")	28.0kg (61.72lbs)
TYPE: 3-8	650mm (25.59")	350mm (13.77")	200mm (7.87")	15.8kg (34.83lbs)
TYPE: 3-8H (Chamfered Box)	350mm (13.77")	650mm (25.59")	180mm (7.08")	9kg (19.84lbs)
TYPE: 3-8SL	800mm (31.49")	240mm (9.44")	200mm (7.87")	14.8kg (32.62lbs)
TYPE: 3-6H (Chamfered Box)	370.6mm (14.59")	1,055mm (41.53")	101.6mm (4.00")	15.2kg (33.51lbs)
TYPE: 3-6PRO	1,061mm (41.77")	350mm (13.77")	100mm (3.93")	15.3kg (33.73lbs)
TYPE: 2-8	350mm (13.77")	350mm (13.77")	150mm (5.90")	7.6kg (16.75lbs)
TYPE: 2-6H Chamfered Box	584.2mm (23.00")	350mm (13.77")	100mm (3.93")	8.6kg (18.95lbs)
TYPE: 2-6PRO	548mm (21.57")	350mm (13.77")	100mm (3.93")	8.2kg (18.09lbs)

Professional Cinema Subwoofer Systems				
TYPE: BM-12	620mm (24.40")	620mm (24.40")	200mm (7.87")	23.4kg (51.59lbs)
TYPE: BM-12HP	388mm (15.27")	485mm (19.09")	349mm (+10mm) (13.74" (+0.39"))	21.9kg (48.28lbs)
TYPE: BM-15	520mm (20.47")	550mm (21.65")	330mm (12.99")	28.9kg (63.72lbs)
TYPE: BM-68PRO	2,439mm (96.02")	355.6mm (14.00")	101.6mm (4.00")	44kg (97lbs)
TYPE: CS-12	864mm (34.01")	383mm (15.07")	234.5mm (+10mm) (15.07" (+0.39"))	25.6kg (56.44lbs)
TYPE: CS-212	388mm (15.27")	846mm (33.30")	349mm (+10mm) (33.30" (+0.39"))	36kg (79.36lbs)
TYPE: CS-15	1,006mm (39.60")	520mm (20.47")	300mm (11.81")	31.2kg (79.36lbs)
TYPE: CS-18	1,457mm (57.36")	602mm (23.70")	400mm (15.74")	72kg (158.76lbs)
TYPE: MOVEMENT SUB	526mm (20.70")	770mm (30.31")	907mm (35.70")	80.6kg (177.69lbs)
TYPE: SEISM	749mm (29.48")	790mm (31.10")	534.6mm (21.04")	

Movement Systems				
TYPE: MOVEMENT L LCR Speaker	381mm (15.00")	1,146mm (45.11")	173.2mm (6.81")	49.6kg (109.34lbs)
TYPE: MOVEMENT M LCR Speaker	240mm (9.44")	1,123mm (44.21")	139.7mm (5.50")	15.8kg (34.83lbs)
TYPE: MOVEMENT S LCR Speaker	203.2mm (8.00")	914.4mm (36.00")	100mm (3.93")	15.2kg (33.51lbs)
TYPE: MOVEMENT Control DVC3	44mm (1.73")	482.6mm (19.00")	296.5mm (11.67")	3.4kg (7.49lbs)
TYPE: MOVEMENT Control DVC5	44mm (1.73")	482.6mm (19.00")	296.5mm (11.67")	3.4kg (7.49lbs)

DSP Systems				
TYPE: DIRECTOR	44mm (1.73")	482.6mm (19.00")	170mm (6.69")	2.2kg (4.85lbs)
TYPE: PRODUCER	44mm (1.73")	482.6mm (19.00")	170mm (6.69")	2.2kg (4.85lbs)

Amplification Systems				
TYPE: TPI PM165	191mm (7.51")	291mm (11.45")	352mm (13.85")	16kg (35.27lbs)
TYPE: PM8HD	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10kg (22.04lbs)
TYPE: PM2HD	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10kg (22.04lbs)
TYPE: PM10HP	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10kg (22.04lbs)
TYPE: PM2000	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10kg (22.04lbs)
TYPE: PM8000	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10kg (22.04lbs)
TYPE: PM8HD-DSP-DANTE	88mm (3.46")	482.6mm (19.00")	491mm (19.33")	10.5kg (23.14lbs)

Model	Height	Width	Depth	Weight
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Residential				
TYPE: HF1	550mm (21.65")	253mm (9.96")	318mm (12.51")	27.4kg (60.40lbs)
TYPE: HF2 MK2	1,136mm (44.72")	406mm (15.98")	478.1mm (18.82")	79.2kg (174.60lbs)
TYPE: HF3	1,292mm (50.86")	484.6mm (19.07")	538.9mm (21.21")	112kg (246.91lbs)
TYPE: MLF	1,905mm (75.00")	759mm (29.88")	678mm (26.69")	147kg (324.08lbs)
TYPE: M08	254.5mm (10.00")	254.5mm (10.00")	254.5mm (10.00")	6kg (13.22lbs)
TYPE: UC08	255mm (10.03")	600mm (23.62")	300mm (11.81")	13kg (28.66lbs)
TYPE: DEPTH CHARGE	706mm (27.79")	595mm (23.42")	521mm (20.51")	

Studio				
TYPE: RN1	411mm (16.18")	238mm (9.37")	298mm (11.73")	15.6kg (34.39lbs)
TYPE: M200	800mm (31.49")	380mm (14.96")	500mm (19.68")	
TYPE: M300	700mm (27.55")	890mm (35.04")	394mm (15.51")	

High Output				
TYPE: FV1	250mm (9.84")	974mm (38.34")	369mm (14.52")	24.4kg (53.79lbs)
TYPE: MM8	254mm (10.00")	254mm (10.00")	254.5mm (10.00")	6kg (13.22lbs)
TYPE: MM6	205mm (8.07")	205mm (8.07")	204mm (8.03")	
TYPE: V28	250mm (9.84")	573mm (22.55")	237mm (9.33")	11.2kg (24.69lbs)
TYPE: UCB8	255mm (10.03")	600mm (23.62")	300mm (11.81")	13kg (28.66lbs)
TYPE: UC15G	525mm (20.66")	550mm (21.65")	375mm (14.76")	29.4kg (64.81lbs)
TYPE: UB15	530mm (20.86")	550mm (21.65")	630mm (24.80")	
TYPE: UB18	806mm (31.73")	600mm (23.62")	690mm (27.16")	54.6kg (120.37lbs)
TYPE: UB21	789mm (31.06")	810mm (31.88")	900mm (35.43")	
TYPE: TOTEM 2	2,685mm (105.70")	1,543mm (60.74")	907mm (35.70")	307kg (676.81lbs)
TYPE: TOTEM 2 SUBWOOFER	526mm (20.70")	770mm (30.31")	1,252.3mm (49.30")	80.6kg (177.69lbs)
TYPE: MFR	1,992mm (78.42")	758mm (29.84")	1,044mm (41.10")	204kg (449.74lbs)
TYPE: MFR RISER	630.1mm (24.80")	636mm (25.03")	902.2mm (35.51")	59.4kg (130.95lbs)
TYPE: MFR SUBWOOFER	726mm (28.58")	638mm (25.11")	906mm (35.66")	77.6kg (171.07lbs)



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