

# **MEGA** **Pro Audio**



Brochure 2023

# Introduction

Omega is the worlds newest loudspeaker manufacturer for both commercial audio installation and touring industries.

## About Omega Pro Audio

At Omega Pro Audio, we're not just another audio manufacturer; we're a dynamic UK-based startup on a mission to redefine audio excellence. Our journey began in June 2022, and since then, our passionate team has been making waves in the pro audio world. What sets us apart? It's the diverse skills and expertise we bring to the table. Our team comprises masterminds in loudspeaker acoustics, amplifier and crossover electronics, CNC woodwork, metal machining and driver assembly.

## Innovation in Action:

Omega Pro Audio's commitment to innovation is at the heart of everything we do. Across our five new product ranges, we've made substantial advancements. Firstly, we've significantly improved output SPL, setting a new standard for audio performance. Simultaneously, we've prioritized weight reduction, making our products more portable without compromising sound quality.

Sustainability is a core value for us, and in line with this, one of our series is crafted using recycled materials, all manufactured in our UK facility.

## Join Our Journey

Omega Pro Audio invites you to join us on this thrilling expedition into sound. Whether you're in the entertainment industry, a music enthusiast, or an audio professional, we're here to elevate your experience. Welcome to the future of pro audio, where power, precision, and passion unite. Welcome to Omega Pro Audio.



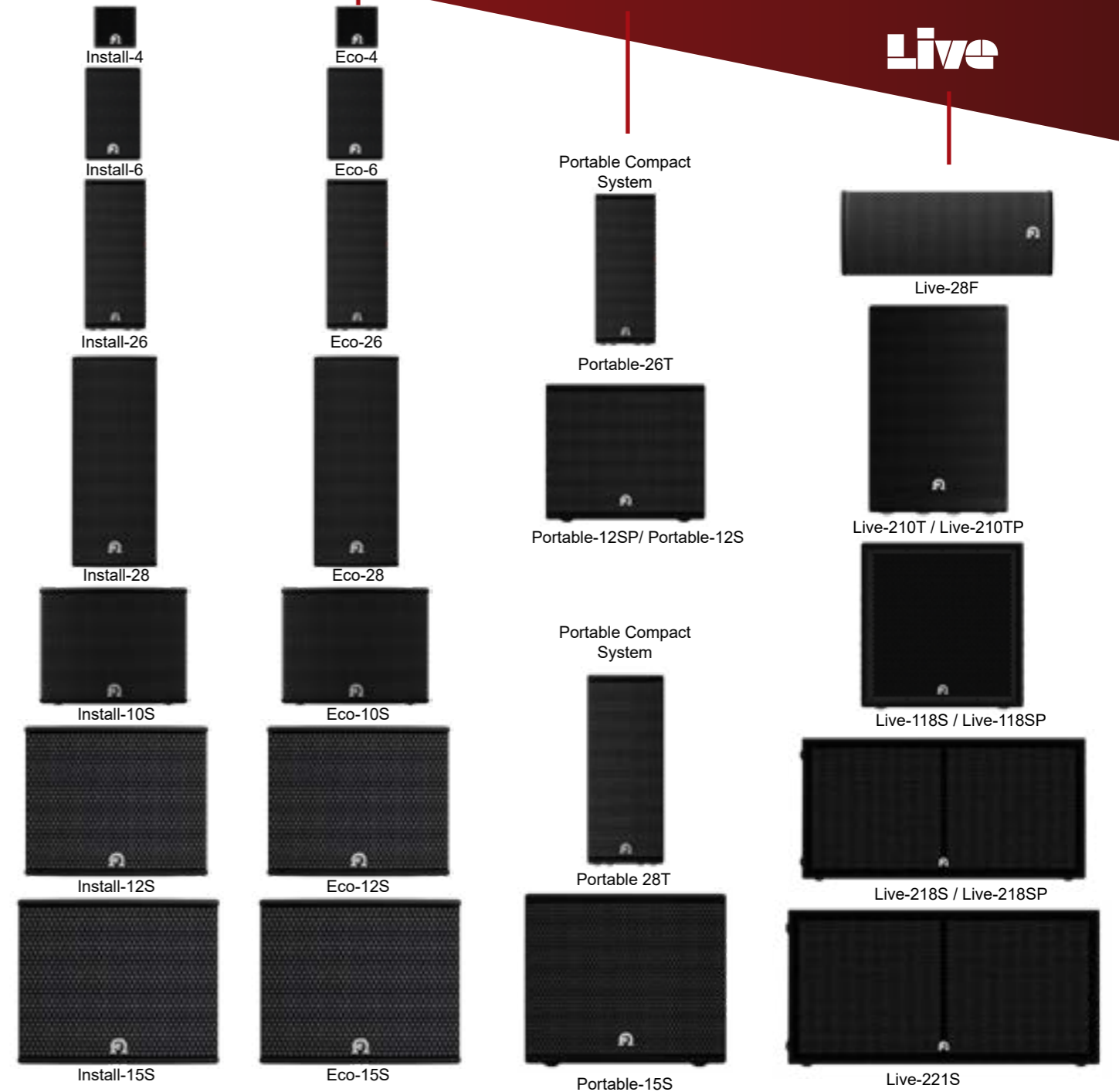
# New 2023

## INSTALL



## PORTABLE

## Live



QA Amplifiers



OM48X DSP Processor

- Cost effective material and design
- MDF construction
- Black & white as standard
- RAL colours on request
- Phoenix connectors

### Install-4

- Ultra compact
- Daisy chain output
- Conical dispersion
- Great for background music



### Install-6

- Compact
- Daisy chain output
- Flexible orientation
- 2 way design
- Great for venues needing louder background music



### Install-26 / 28

- High power output
- D'Appolito design
- Rotatable Horn
- Flexible orientation
- Suited for background sound reinforcement at higher SPL



### Install-8 / 10

- Rotatable Horn allows for flexible usage
- Horizontal or vertical cradles give extra mounting configurations
- UK made cast aluminium chassis drivers



### Install-10S

- Ultra compact
- Warm and rounded bass reinforcement
- Great for background music
- Under seat or ceiling mountable



### Install-12S

- High power output
- Perfect for under seat placement
- Ideal for louder background music
- Low and punchy bass reinforcement



### Install-15S

- High power output
- Suited for background and live sound reinforcement at higher SPL
- Ultra low frequency response and powerful bass reinforcement

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Install-4	4" Satellite	16	30 W / 120 W	105.7 dB / 111.8 dB	130 Hz – 16 kHz	70° Conical	1.7	150 x 150 x 165
Install-6	6" Full Range	8	100 W / 400 W	111 dB / 117 dB	90 Hz – 20 kHz	80° Conical	5	320 x 190 x 208
Install-26	2 x 6" Full Range	8	250 W / 1000 W	113 dB / 119 dB	89 Hz – 24 kHz	120° x 40°	6.6	460 x 190 x 188
Install-28	2 x 8" Full Range	4	600 W / 2400 W	128.7dB / 134.7 dB	88 Hz - 20 Hz	90° x 40°	14	620 x 250 x 290
Install-8	8" Full Range	12	200 W / 800 W	119 dB / 125 dB	106 Hz – 23 kHz	90° x 60°, Rotational	13.4	458 x 284 x 250
Install-10	10" Full Range	8	300 W / 1200 W	120 dB / 126 dB	85 Hz – 21 kHz	90° x 60°, Rotational	20.8	512.5 x 320 x 280

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Install-10S	10" Subwoofer	8	300 W / 1200 W	119.8 dB / 125.8 dB	45 Hz – 257 Hz	Omni	17	310 x 400 x 560
Install-12S	12" Subwoofer	8	500 W / 2000 W	123 dB / 129 dB	41 Hz - 268 Hz	Omni	23	360 x 440 x 560
Install-15S	15" Subwoofer	8	1000 W / 4000 W	127 dB / 133 dB	40 Hz - 205 Hz	Omni	32	440 x 520 x 580



# loudspeakers

Rot and weatherproof  
Recycled Polymer construction  
IP 68 Gland connectors  
RAL Colour options



### Eco-6

- Compact
- Daisy chain output
- Flexible orientation
- 2 way design
- Great for venues needing louder background music
- Waterproof Design



### Eco-4

- Ultra compact
- Daisy chain output
- Conical dispersion
- Waterproof design



### Eco-26 / 28

- High power output
- D'appolito design
- Rotatable Horn
- Flexible orientation
- Suited for background sound reinforcement at higher SPL
- Waterproof design



### Eco-8 / 10

- Rotatable Horn allows for flexible usage
- Horizontal or vertical cradles give extra mounting configurations
- UK made cast aluminium chassis drivers
- Waterproof design

# Subwoofers



### Eco-10S

- Ultra compact
- Warm and rounded bass reinforcement
- Great for background music
- Under seat or ceiling mountable



### Eco-12S

- High power output
- Perfect for under seat placement
- Ideal for louder background music
- Low and punchy bass reinforcement

### Eco-15S

- High power output
- Suited for background and live sound reinforcement at higher SPL
- Ultra low frequency response and powerful bass reinforcement



Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)w
Eco-4	4" Satellite	16	30 W / 120 W	105.7 dB / 111.8 dB	130 Hz – 16 kHz	70° Conical	1.7	150 x 150 x 165
Eco-6	6" Full Range	8	100 W / 400 W	111 dB / 117 dB	90 Hz – 20 kHz	80° Conical	5.4	320 x 190 x 208
Eco-26	2 x 6" Mid High	8	250 W / 1000 W	113 dB / 119 dB	89 Hz – 24 kHz	120° x 40°	6.6	460 x 190 x 188
Eco-28	2 x 8" Full Range	4	600 W / 2400 W	128.7dB / 134.7 dB	88 Hz - 20 Hz	90° x 40°	15	620 x 250 x 290
Eco-8	8" Mid High	12	200 W / 800 W	119 dB / 125 dB	106 Hz – 23 kHz	90° x 60°, Rotational	13.4	458 x 284 x 250
Eco-10	10" Mid High	8	300 W / 1200 W	120 dB / 126 dB	85 Hz – 21 kHz	90° x 60°, Rotational	20.8	512.5 x 320 x 280

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Eco-10S	10" Subwoofer	8	300 W / 1200 W	119.8 dB / 125.8 dB	45 Hz – 257 Hz	Omni	16.4	310 x 400 x 560
Eco-12S	12" Subwoofer	8	500 W / 2000 W	123 dB / 129 dB	41 Hz - 268 Hz	Omni	22	360 x 440 x 560
Eco-15S	15" Subwoofer	8	1000 W / 4000 W	127 dB / 133 dB	40 Hz - 205 Hz	Omni	33	440 x 520 x 580

# PORTABLE Compact System

- Complete system packages
- High power output
- Compact footprint
- Modern slim look

# PORTABLE System

## Portable-26T

- Ultra portable size and weight
- Small event space coverage
- Passive crossover circuit
- Designed to be used with the Portable-12S powered subwoofer



## Portable-28T

- High sensitivity and SPL
- Great medium sized event space coverage
- Bi-amp configuration
- Designed to be used with Portable-15S



## Portable-12S/SP

- Ultra compact and portable
- 3 channel amplified system with parallel subwoofer output
- 4 x 750 W output
- Designed to work with 2 x Portable-26T and Portable-12S passive subwoofer

## Portable-15SP

- High SPL
- 2 kW Internal subwoofer channel
- 1 kW low mid & 700 W HF biamp output
- Designed to work with Portable-28T



Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Portable-26T	Dual 6" Mid High	4	400 W / 1600 W	124 dB / 130 dB	74Hz - 20kHz	90° x 40°	8	500 x 200 x 220
Portable-12S	12" Subwoofer	8	500 W / 2000 W	123 dB / 129 dB	41 Hz - 268 Hz	Omni	21	360 x 440 x 560
Portable-12SP	12" Active Subwoofer	NA	4 x 750 W	123 dB / 129 dB	41 Hz - 268 Hz	Omni	22	360 x 440 x 580

Model	Design		Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Portable-28T	Dual 8" Mid High	HF	8	60 W / 240 W	127.7 dB / 133.7 dB	88 Hz - 20 kHz	90° x 40°	12	620 x 250 x 270
		MB	4	600 W / 2400 W	128.7 dB / 134.7 dB				
Portable-15SP	15" Active Subwoofer	MB	NA	Subwoofer - 2000 W	127 dB / 133 dB	40 Hz - 205 Hz	Omni	28	440 x 520 x 580
		HF		Mid-high - 1 x 1000 W 1 x 750 W					

- Powersoft integrated amplifier and DSP solutions
- Available in passive and self powered
- Birch Ply construction
- Warnex hard wearing paint
- Stackable



### Live-28F

- High power output
- Rotatable Horn
- Flexible orientation
- Passive internal crossover
- Suited for live sound reinforcement at higher SPL



### Live-210T & Live-210TP

- Acoustic manifold hybrid design
- 2 way active(Live-210T) & Self powered (Live-210TP) available
- High performance to weight ratio
- Medium to long throw
- Compact footprint
- Stackable with Live series subwoofers
- Hardware for flying or pole mounting available



### Live-118S & Live-118SP

- Stacking system with Live-118S / SP, Live-218S / SP & Live-221S
- Reversible for cardioid operation
- Pole mount (TP-1 Threaded Plate)
- Slave 2 kW output (Live-118SP only)

### Live-218S & Live-218SP

- Stacking system with Live-118S / SP and Live-218S / SP
- Reversible for cardioid operation
- High SPL output



### Live-221S

- Stacking system with Live-118S / SP and Live-218S / SP
- Reversible for cardioid operation

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Live-28F	2 x 8" Full Range	4	600 W / 2400 W	128.7dB / 134.7 dB	88 Hz - 20 Hz	90° x 40°	14	620 x 250 x 290
Live-210T	2 x 10" Mid-high	4 & 8	600 W / 2400 W	133.8 dB / 139.8 dB	89 Hz 20 kHz	60° x 50°	23	630 x 420 x 370
Live-210T Powered	2 x 10" Mid-high	4 & 8	1 x 600 W 1 x 400 W	133.8 dB / 139.8 dB	89 Hz 20 kHz	60° x 50°	23	630 x 420 x 370

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Live-118S	1 x 18" Subwoofer	8	800 W / 3200 W	126.8 dB / 132.8 dB	34 Hz – 221 Hz	Omni	54	578 x 576 x 766
Live-118SP	1 x 18" Active Subwoofer	8	1 x 2000 W internal 2000 W slave output	126.8 dB / 132.8 dB	34 Hz – 221 Hz	Omni	56	578 x 576 x 766
Live-218S	2 x 18" Subwoofer	4	1600 W / 6400 W	135.8 dB / 141.8 dB	34 Hz – 219 Hz	Omni	96	576 x 1156 x 766
Live-218SP	2 x 18" Active Subwoofer	4	2 x 2000 W	135.8 dB / 141.8 dB	34 Hz – 219 Hz	Omni	98	576 x 1156 x 766
Live-221S	2 x 21" Infra Subwoofer	4	4000 W / 16000 W	139.4 dB / 145.4 dB	28 Hz-107 Hz	Omni	145	680 x 1156 x 900

- Two-way Bi-amp, compact dual 8" line array
- Extreme SPL and extended low frequency capabilities
- Flexible solution for both install and touring alike



### Array-28

- Medium throw, full range line array component
- Touring grade cabinet
- Tough paint coating
- Dual layer thermal relief driver technology
- Phase-plug controlled LF driver with Integrated HF waveguide



- Designed for high output
- High dynamic bandwidth
- Bespoke 4 point flying system
- Array solution for large-scale sound reinforcement applications



### Array-212

- Long throw, full range line array component
- Large format touring grade cabinet
- Dual layer thermal relief driver technology
- Phase-plug controlled LF driver with Integrated HF waveguide
- Advanced active dispersion gives 100° x 10° coverage
- Unique port design gives excellent dynamics without side-lobing
- Fly up to 24 cabinets per frame.
- Designed 8 Ohm impedance allows it to be powered in 3s from a 4 channel amplifier

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)	
Array-28	Full Range	HF	7.5	160 W / 640 W	136 dB / 142 dB	81 Hz – 20 kHz	100° x 12° per cabinet, up to 100° x 90° in array depending on curving	21.7	250 x 576 x 300
		LF	8	500 W / 2000 W	128 dB / 134 dB				

Model	Design	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Array-212	2 x 12" Linearray Full range	HMF	8	320 W / 1280 W	140 dB / 146 dB	100° x 10° per cabinet, up to 100°x120° in array depending on curving	89	370 x 1156 x 500
		LMF	8	800 W / 3200 W	132 dB / 138 dB			
		LF	8	2 x 400 W / 2 x 1600 W	131 dB / 127 dB			

- High output four channel amplifier
- Lightweight class-D architecture with switching power supply



### QA-1600 / 2400

- Ultra compact 1.5U, high output, lightweight four channel amplifier - designed for advanced touring and fixed installation applications.
- 4x 2 ohm stable SE and 2 x 4 ohm Stable BTL operation.
- Thermally stable power stage with multi-stage protection with front to back forced cooling.
- User selectable Parallel input, 4 XLR input x 4 speakON output.

Model	QA-1600		QA-2400		
Rated Output power	8 Ω Stereo	800 W x 4		1200 W x 4	
	4 Ω Stereo	1200 W x 4		1800 W x 4	
	2 Ω Stereo	1000 W x 4		1600 W x 4	
	8 Ω Bridge	1200 W x 2	800 W x 2 + 1200 W	3600 W x 2	1800 W x 2 + 3600 W
	4 Ω Bridge	1400 W x 2	1000 W x 2 + 1400 W	3200 W x 2	1600 W x 2 + 3200 W
Frequency response	20 Hz-20 kHz+0/-0.5 dB				
THD+N	<0.05% @ 8 Ω 1 kHz				
S/N rate	>105 dB				
Slew rate	40 V/μs				
Damping factor	>550 @ 8 Ω				
Crosstalk	>100 dB @ 8 Ω 1 kHz				
Input impedance	20 k Ω (balanced)/10 k Ω (unbalanced)				
Input sensitivity	0.775 V				
Protection	DC, short circuit, thermal, softstart, VHF				
Control	Front panel: power switch, 6 x configuration buttons, 4 x channel gain potentiometers, status/signal/clip indicators per channel				
Height	1.5 U				
Packing Dimensions	481 x 290 x 66mm				
Volume	0.05 m3				
Gross weight	7.5 kg		12.1 kg		



### OM48X Processor

- **Audio I/O:**  
4 Analogue Inputs, 8 Analogue Outputs  
AES Digital I/O with SRC from 24 to 192kHz
- **Input Processing Features:**  
Soft Knee Compressor  
8 Parametric EQs & 3 DEQ  
24dB/Oct HPF & 28 Band Graphic EQ  
Gain, Polarity, Delay (up to 1.3s)
- **Routing Matrix Modes:**  
Full Mix Matrix, Routing Matrix, Preset Configurations (2x4, 4x2, 1x8, 2x3+2)
- **Output Processing Features:**  
16 Parametric EQs  
Crossover Filters up to 48dB/Oct  
FIR Filter capable - 1024 Taps/2ch, 512 Taps/4ch, 256 Taps/8ch at 96kHz Gain, Polarity, Delay (up to 1.3s)  
PXL Limiters
- **Remote control: 1Gbps/100Mbps**  
Ethernet, USB Type C Up to 30 presets may be stored for offline recall

#### Analogue Inputs - 4 Electronically Balanced

CMRR:	>60 dB@ 1 kHz
Maximum Level	>20 dBu
Input Impedance:	10 k Balanced

#### AES Inputs - 2 x 2 Transformer Balanced

AES Input Sample Rates:	8 kHz - 192 kHz
AES Input s/n Ratio:	139 dB
Input Impedance:	110 Ω

#### Analogue Outputs - 8 Electronically Balanced

Maximum Level:	>20 dBu
Source Impedance:	<60 Ω

#### AES Outputs - 4 x 2 Transformer Balanced

Sample Rate:	96 kHz
Source Impedance:	110 Ω

#### Performance & Mechanical

Frequency Response:	12Hz - 32kHz ±0.2dB
Dynamic Range:	±0.2dB >119dB 'A'wtd (in-out analogue)
THD+N (+19dB @1kHz):	0.00029%
Latency:	0.427mS (in-out analogue, 96kHz)
Power:	90-250VAC, 50-60Hz, 20W
Dims:	44 x 213 x 482mm (1.75 x 8.4 x 19in)
Weight:	2.5kg Net; 3.5kg Shipping



# CEILING Speakers

# Hardware Guide

- Easy Quick Fit System
- Standard and Fire dome Versions
- Push connectors



## Ceiling-6 / 8

- Comes in 5¼" & 8" sizes
- Attractive white colour ABS resin finish
- Conical dispersion

## Ceiling-6FD / 8FD

- Convenient switching between a selection of 100V taps and low impedance wiring.
- Wide Dispersion pattern
- Fire dome for safety



Model	Design	Tappings (watts)	Impedance (ohms)	Power Cont/Peak	Max SPL Cont/Peak	Freq response (±3 dB)	Dispersion	Weight (kgs)	Dimensions (h x w x d)
Ceiling-6	5¼" full range	20W / 10W / 5W	8 ohm /100V	20W / 80W	101 dB / 106 dB	100 Hz - 20 kHz	140° conical	1.25	Ø203 x 80
Ceiling-8	8" full range	40W / 20W /105W	8 ohm /100V	40W / 160W	103 dB / 109 dB	50 Hz - 20 kHz	140° conical	2.1	Ø270 x 105
Ceiling-6FD	5¼" full range	20W / 10W / 5W	8 ohm /100V	20W / 80W	101 dB / 106 dB	100 Hz - 20 kHz	140° conical	1.7	Ø203 x 145
Ceiling-6FD	8" full range	40W / 20W /105W	8 ohm /100V	40W / 160W	103 dB / 109 dB	50 Hz - 20 kHz	140° conical	3.1	Ø270 x 185

	Install-4C	Install-6C	Install-26C	Install-28C	Install-8C	Install-10C	Portable-28Y	Live-28C	Live-210Y	PTS	PTL	PTLWB	TH-1	TH-2	TP-1P	ST-CP	ARRAY-28F	ARRAY-212F
Install-4	○																	
Install-6		○								○								
Install-26			○							○	○	○						
Install-28				○						○	○	○						
Install-8					○					○	○	○	●					
Install-10						○				○	○	○	●					
Install-10S																		
Install-12S																		
Install-15S																		
Eco-4	○																	
Eco-6		○																
Eco-26			○															
Eco-28				○														
Eco-8					○													
Eco-10						○												
Eco-10S																		
Eco-12S																		
Eco-15S																		
Portable-26T													●					
Portable-12S / 12SP															●			
Portable-28T								○					●					
Portable-15SP															●			
Live-28F									○									
Live-210T / 210TP										○								
Live-118S / 118SP															●	●		
Live-218 / 218SP															●	●		
Live-221																●		
Array-28																	○	
Array-212																		○

● fitted as standard ○ optional

Important note: In addition, Omega Pro Audio recommend the use of an independent second fix with all hardware in the unlikely event of component failure or fixing failure. Irrespective of whether or not this is a requirement by the local authority, it is good and safe practice.

# Hardware

# Hardware



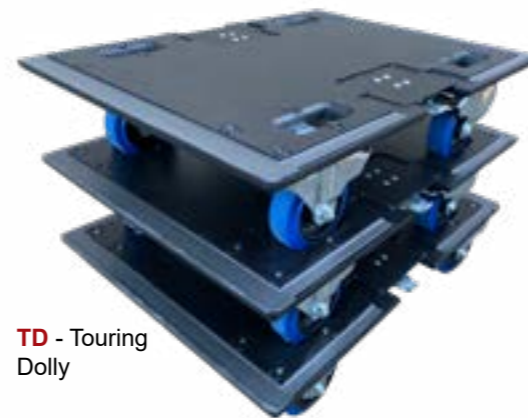
**Array-28F** Flying /  
Groundstacking Frame



**PTL** - Large Rear  
Pan & Tilt  
Wall Bracket



**PTLWB** - Large Rear  
Wall Bracket Pan & Tilt  
with 35mm Spigot



**TD** - Touring  
Dolly



**PTS** - Small  
Rear Pan & Tilt  
Wall Bracket



**Install** - Wall  
Cradles

**TH** - Top  
Hats



**Install-4-C** -Wall Bracket



**TP-1P** -  
Threaded  
Pole Adaptor



**ST-CP** - Set  
of 4 Castors

# Specifications

# Quick Guide

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)
<b>Commercial Installation - Install Series</b>								
Install-4	4" Satellite	16	30 / 120 W	105.7 dB / 111.8 dB	130 Hz – 16 kHz	70° Conical	1.7	150 x 150 x 165
Install-6	6" Full Range	16	100 W / 400 W	111 dB / 117 dB	90 Hz – 20 kHz	80° Conical	5	320 x 190 x 208
Install-26	2 x 6" Full Range	8	250 W / 1000 W	113 dB / 119 dB	89 Hz – 24 kHz	120° x 40°	6.6	460 x 190 x 188
Install-28	8" Full Range	4	600 W / 2400 W	128.7 dB / 134.7 dB	88 Hz - 20 kHz	90° x 60°	15	620 x 250 x 290
Install-8	8" Full Range	12	200 W / 800 W	119 dB / 125 dB	106 Hz – 23 kHz	90° x 60° Rot	13.4	458 x 284 x 250
Install-10	10" Full Range	8	300 W / 1200 W	120 dB / 126 dB	85 Hz - 21 kHz	90° x 60° Rot	20.8	512.5 x 320 x 280
Install-10S	10" Subwoofer	8	300 W / 1200 W	119.8 dB / 125.8 dB	45 Hz – 257 Hz	Omni	17	310 x 400 x 560
Install-12S	12" Subwoofer	16	500 W / 2000 W	123 dB / 130 dB	41 Hz - 268 Hz	Omni	23	360 x 440 x 560
Install-15S	15" Subwoofer	16	1000 W / 4000 W	127 dB / 131 dB	40 Hz - 205 Hz	Omni	32	440 x 520 x 580

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)
<b>Commercial Installation - Eco Series</b>								
Eco-4	4" Satellite	16	30 / 120 W	105.7 dB / 111.8 dB	130 Hz – 16 kHz	70° Conical	1.7	150 x 150 x 165
Eco-6	6" Full Range	16	100 W / 400 W	111 dB / 117 dB	90 Hz – 20 kHz	80° Conical	5.4	320 x 190 x 208
Eco-26	2 x 6" Full Range	8	250 W / 1000 W	113 dB / 119 dB	89 Hz – 24 kHz	120° x 40°	6.6	460 x 190 x 188
Eco-28	2 x 8" Full Range	4	600 W / 2400 W	128.7 dB / 134.7 dB	88 Hz - 20 kHz	90° x 60°	15	620 x 250 x 290
Eco-8	8" Full Range	12	200 W / 800 W	119 dB / 125 dB	106 Hz – 23 kHz	90° x 60° Rot	13.4	458 x 284 x 250
Eco-10	10" Full Range	8	300 W / 1200 W	120 dB / 126 dB	85 Hz - 21 kHz	90° x 60° Rot	20.8	512.5 x 320 x 280
Eco-10S	10" Subwoofer	8	300 W / 1200 W	119.8 dB / 125.8 dB	45 Hz – 257 Hz	Omni	16.4	310 x 400 x 560
Eco-12S	12" Subwoofer	16	500 W / 2000 W	123 dB / 130 dB	41 Hz - 268 Hz	Omni	22	360 x 440 x 560
Eco-15S	15" Subwoofer	16	1000 W / 4000 W	127 dB / 131 dB	40 Hz - 205 Hz	Omni	33	440 x 520 x 580

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)	
<b>Portable - Portable Compact System</b>									
Portable-26T	Dual 6" Full Range	-	4	400 W / 1600 W	124 dB / 130 dB	74Hz - 20kHz	90° x 40°	8	500 x 200 x 220
Portable-12S	12" subwoofer Slave	-	8	500 W / 2000 W	123 dB / 130 dB	41 Hz - 268 Hz	Omni	21	360 x 440 x 560
Portable-12SP	12" subwoofer Power	-	-	Sub- 2000 W MH - 2 x 750 W	123 dB / 130 dB	41 Hz - 268 Hz	Omni	22	360 x 440 x 580

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)	
<b>Portable - Portable System</b>									
Portable-28T	Dual 8" Full Range	HF	8	60 W / 240 W	128.7 dB / 134.7 dB	88 Hz - 20 kHz	90° x 40°	12	620 x 250 x 270
		MB	4	600 W / 2400 W	127.7 dB / 133.7 dB				
Portable-15SP	15" Subwoofer Power	Sub	-	2000 W	127 dB / 133 dB	40 Hz - 205 Hz	Omni	28	440 x 520 x 580
		MB	-	1 x 1000 W					
		HF	-	1 x 750 W					

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)
<b>Pro Touring - Live Series</b>								
Live-28F	2 x 8" Full Range	4	600 W / 2400 W	128.7 dB / 134.7 dB	88 Hz 20 kHz	90° x 40°	14	620 x 250 x 290
Live-210T	2 x 10" Bi-amp	4 & 8	600 W / 2400 W	133.8 dB / 139.8 dB	89 Hz 20 kHz	60° x 50°	23	630 x 420 x 370
Live-118S	1 x 18" Subwoofer	8	800 W / 3200 W	126.8 dB / 132.8 dB	34 Hz – 221 Hz	Omni	54	578 x 576 x 766
Live-218S	2 x 18" Subwoofer	4	1600 W / 6400 W	135.8 dB / 141.8 dB	34 Hz – 219 Hz	Omni	96	576 x 1156 x 766
Live-221S	2 x 21" Infra Subwoofer	4	4000 W / 16000 W	139.4 dB / 145.4 dB	28 Hz-107 Hz	Omni	145	680 x 1156 x 900

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)
<b>Pro Touring - Live Series</b>								
Live-210T	2 x 10" Bi-amp	4 & 8	1 x 600 W / 1 x 400 W	133.8 dB / 139.8 dB	89 Hz 20 kHz	60° x 50°	23	630 x 420 x 370
Live-118SP	1 x 18" Subwoofer	8	1 x 2000 W internal, 2000 W slave output	126.8 dB / 132.8 dB	34 Hz – 221 Hz	Omni	56	578 x 576 x 766
Live-218SP	2 x 18" Subwoofer	4	2000 W x 2	135.8 dB / 141.8 dB	34 Hz – 219 Hz	Omni	98	576 x 1156 x 766

Model	Type	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)	
<b>Pro Line Array - GS Series</b>									
Array-28	Full Range	HF	7.5	160 W / 640 W	136 dB / 142 dB	81 Hz – 20 kHz	100° x 12° per cabinet, up to 100° x 90° in array depending on curving	21.7	250 x 576 x 300
		LF	8	500 W / 2000 W	128 dB / 134 dB				
Array-212	2 x 12" Linear Full Range	HMF	8	320 W / 1280 W	140 dB / 146 dB	56 Hz - 21.2 kHz	100° x 10° per cabinet, up to 100°x120° in array depending on curving	89	370 x 1156 x 500
		LMF	8	800 W / 3200 W	132 dB / 138 dB				
		LF	8	2 x 400 W / 2 x 1600 W	131 dB / 127 dB				

Model	Type	Tappings (watts)	Imp (Ω)	Power Cont / Peak	MAX SPL Cont / Peak	Freq response (±3 dB)	Dispersion	Weight (kg)	Dimensions h x w x d (mm)
<b>Commercial Installation - Ceiling Speakers</b>									
Ceiling-6	Full range	20W / 10W / 5W	8 ohm / 100V	20 W / 80 W	101 dB / 106 dB	100 Hz - 20 kHz	140° conical	1.25	Ø203 x 80
Ceiling-8	Full range	40W / 20W / 10W	8 ohm / 100V	40 W / 160 W	103 dB / 109 dB	50 Hz - 20 kHz	140° conical	2.1	Ø270 x 105
Ceiling-6FD	Full range	20W / 10W / 5W	8 ohm / 100V	20 W / 80 W	101 dB / 106 dB	100 Hz - 20 kHz	140° conical	1.7	Ø203 x 145
Ceiling-8FD	Full range	40W / 20W / 10W	8 ohm / 100V	40 W / 160 W	103 dB / 109 dB	50 Hz - 20 kHz	140° conical	3.1	Ø270 x 185

As part of our continuous R & D programme, KHZ Ltd / OMEGA PRO AUDIO reserves the right to change the specifications without prior notice. E. & O. E.

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