

S500 Series Passive Loudspeakers

S500 Series Passive Loudspeakers are the perfect voice for your passive system, with proven performance that is as professional as it is affordable. They feature high-output transducers that sound great and the full-range boxes deliver ultra-wide 90° x 50° dispersion.

Road ready, the rugged, PVC vinyl-covered wood enclosures also include protective edge bumpers, keeping your investment safe during transport. S500 speakers are the perfect complement to Mackie's PPM Series Powered Mixers. Or integrate them with Mackie FRS Series Power Amplifiers and an SP260 Speaker Processor for a completely optimized passive system with the flexibility and performance you need.

Four models available:

- S512 – 12" 2-way loudspeaker
- S515 – 15" 2-way loudspeaker
- S525 – Dual 15" 2-way loudspeaker
- S518S – 18" subwoofer



S500 FULL-RANGE MODELS FEATURES:

- Class-leading power handling for professional shows
 - S512 – 500W program / 1000W peak at 8 Ω
 - S515 – 600W program / 1200W peak at 8 Ω
 - S525 – 1200W program / 2400W peak at 8 Ω
- Precision, high-output transducers:
 - S512 – 12" woofer / 1" HF driver
 - S515 – 15" woofer / 1" HF driver
 - S525 – Dual 15" woofers / 1" HF driver
- Rugged, professional PVC vinyl covered wood enclosures with protective edge bumpers
- Wide-dispersion 90° x 50° high-frequency horn for maximum audience coverage
- HF protection circuitry reduces high-frequency output to protect against driver damage
- NL4 and 1/4" input and thru connections for connecting multiple units on a single amp channel
- Stand / Pole-mountable [S512 and S515]

S518S SUBWOOFER FEATURES:

- Class-leading power handling
 - 900W program / 1800W peak at 8 Ω
- 18" high-output woofer
- Rugged, professional wood enclosure with high-durability, textured paint
- Integrated low-pass filter focuses power to low frequencies for maximum punch
- NL4 and 1/4" input and thru connections for connecting multiple units on a single amp channel
- Pole receptacle for mounting full-range loudspeaker

S512 TECHNICAL SPECIFICATIONS

System

Type:	Two-way, full-range loudspeaker
Frequency Range (-10 dB):	49 Hz - 18 kHz
Horizontal Coverage Angle:	90°
Vertical Coverage Angle:	50°
Sensitivity (1W @ 1m):	99.9 dB SPL
Nominal Impedance:	8 Ω
Power Handling:	250 watts continuous 500 watts program 1000 watts peak
Crossover Frequency:	3600 Hz

Transducers

Low Frequency:	12" / 305 mm woofer, vented
High Frequency:	1" / 25 mm tweeter

Physical

Input Connectors:	Two 1/4" TS jacks Two NL4 jacks, paralleled
Enclosure:	Wood with textured black PVC vinyl covering
Mounting:	Pole-mountable

Physical Properties (packaged product)

Height:	27.0 in / 686 mm
Width:	18.0 in / 457 mm
Depth:	20.0 in / 508 mm
Weight:	53 lb / 24 kg

Physical Properties (product)

Height:	25.6 in / 650 mm
Width (Front):	17.8 in / 452 mm
Width (Rear):	13.8 in / 351 mm
Depth:	15.6 in / 396 mm
Weight:	49 lb / 22 kg

Ordering Information

S512 12" 2-Way Passive SR Loudspeaker:	P/N 2038505-00
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S515 TECHNICAL SPECIFICATIONS

System

Type:	Two-way, full-range loudspeaker
Frequency Range (-10 dB):	47 Hz - 18 kHz
Horizontal Coverage Angle:	90°
Vertical Coverage Angle:	50°
Sensitivity (1W @ 1m):	101.1 dB SPL
Nominal Impedance:	8 Ω
Power Handling:	300 watts continuous 600 watts program 1200 watts peak
Crossover Frequency:	3400 Hz

Transducers

Low Frequency:	15" / 381 mm woofer, vented
High Frequency:	1" / 25 mm tweeter

Physical

Input Connectors:	Two 1/4" TS jacks Two NL4 jacks, paralleled
Enclosure:	Wood with textured black PVC vinyl covering
Mounting:	Pole-mountable

Physical Properties (packaged product)

Height:	29.8 in / 757 mm
Width:	18.0 in / 457 mm
Depth:	20.3 in / 516 mm
Weight:	55 lb / 24.9 kg

Physical Properties (product)

Height:	28.1 in / 714 mm
Width (Front):	17.8 in / 452 mm
Width (Rear):	13.8 in / 351 mm
Depth:	15.6 in / 396 mm
Weight:	51 lb / 23 kg

Ordering Information

S515 15" 2-Way Passive SR Loudspeaker:	P/N 2038507-00
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S525 TECHNICAL SPECIFICATIONS

System

Type:	Two-way, full-range loudspeaker
Frequency Range (-10 dB):	51 Hz - 18 kHz
Horizontal Coverage Angle:	90°
Vertical Coverage Angle:	50°
Sensitivity (1W @ 1m):	102.9 dB SPL
Nominal Impedance:	8 Ω
Power Handling:	600 watts continuous 1200 watts program 2400 watts peak
Crossover Frequency:	2800 Hz

Transducers

Low Frequency:	Two 15" / 381 mm woofers, vented
High Frequency:	1" / 25 mm tweeter

Physical

Input Connectors:	Two 1/4" TS jacks Two NL4 jacks, paralleled
Enclosure:	Wood with textured black PVC vinyl covering

Physical Properties (packaged product)

Height:	45.0 in / 1143 mm
Width:	18.0 in / 457 mm
Depth:	19.0 in / 483 mm
Weight:	79 lb / 35.8 kg

Physical Properties (product)

Height:	43.9 in / 1115 mm
Width (Front):	16.8 in / 427 mm
Width (Rear):	13.3 in / 338 mm
Depth:	15.6 in / 396 mm
Weight:	75 lb / 34 kg

Ordering Information

S525 Dual 15" 2-Way Passive SR Loudspeaker:	P/N 2038509-00
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S518S TECHNICAL SPECIFICATIONS

System

Type:	Subwoofer
Frequency Range (-10 dB):	37 Hz - 220 Hz
Sensitivity (1W @ 1m):	98.3 dB SPL
Nominal Impedance:	8 Ω
Power Handling:	450 watts continuous 900 watts program 1800 watts peak
Internal Low Pass Filter:	120 Hz, 12 dB/octave

Transducers

Low Frequency:	18" / 457 mm woofer, vented
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Physical

Input Connectors:	Two 1/4" TS jacks Two NL4 jacks, paralleled
Enclosure:	Wood with durable black paint
Mounting:	Pole-mount on top

Physical Properties (packaged product)

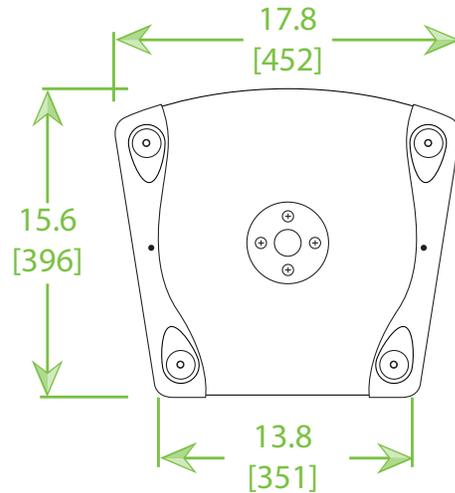
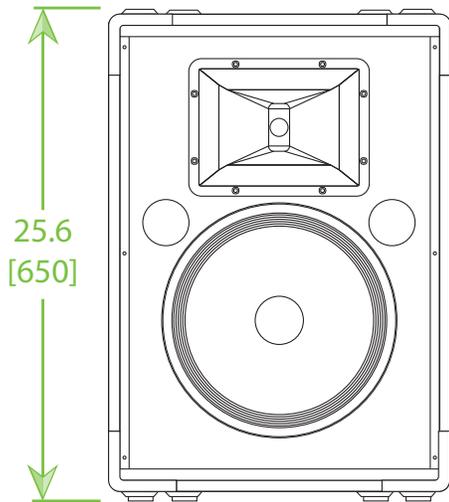
Height:	25.0 in / 635 mm
Width:	23.0 in / 584 mm
Depth:	23.0 in / 584 mm
Weight:	74 lb / 33.6 kg

Physical Properties (product)

Height:	23.9 in / 607 mm
Width (Front):	20.3 in / 516 mm
Width (Rear):	15.5 in / 394 mm
Depth:	21.3 in / 541 mm
Weight:	70 lb / 32 kg

Ordering Information

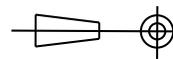
S518S 18" Passive SR Subwoofer:	P/N 2038511-00
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S512 DIMENSIONS

S512 NOTES:

1. WEIGHT APPROX. 49 lb [22 kg].
2. SHIPPING WEIGHT APPROX. 53 lb [24 kg].

S515 NOTES:

1. WEIGHT APPROX. 51 lb [23 kg].
2. SHIPPING WEIGHT APPROX. 55 lb [24.9 kg].

THIRD ANGLE PROJECTION


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HEREIN IS PROPRIETARY AND
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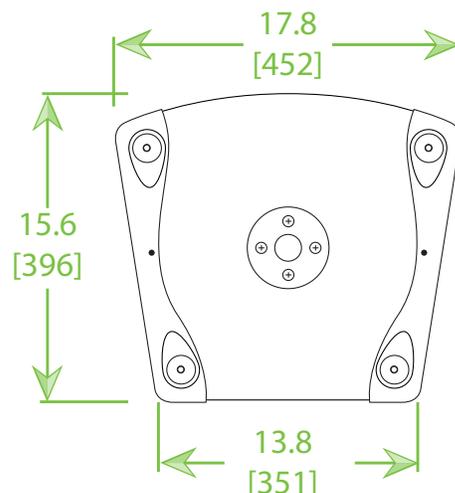
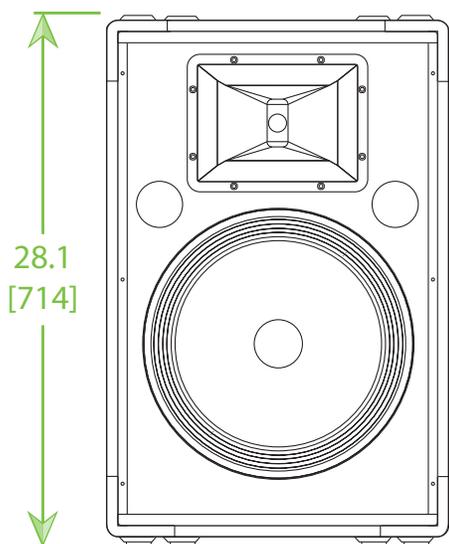
UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS ARE IN INCHES
DUAL [MM] DIMENSIONS
FOR REF ONLY

TOLERANCE IN INCHES
LINEAR ± 0.13 in / ± 3.3 mm
ANGLES $\pm 1^\circ$

(X.XX) = REF DIMS
NO TOLERANCE IMPLIED

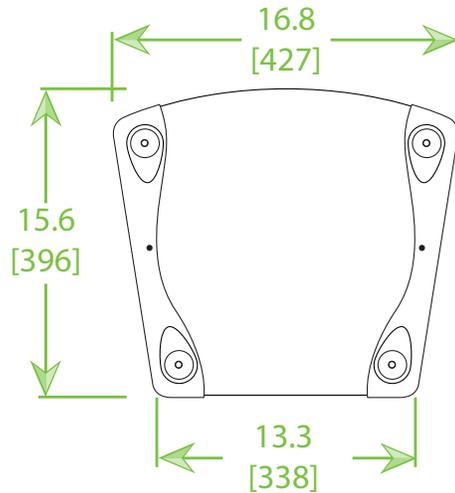
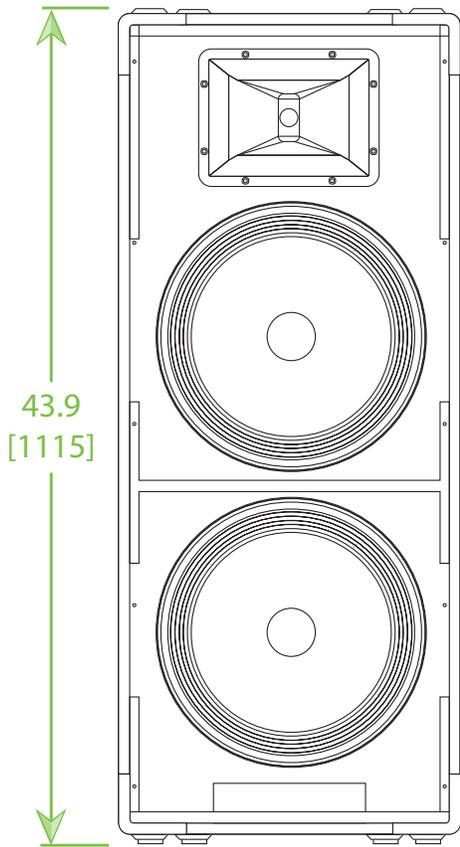
TSC = THEORETICAL SHARP CORNER

DIMENSIONS ACROSS CENTERLINES
TO BE SYMMETRICAL

S515 DIMENSIONS




S525 DIMENSIONS



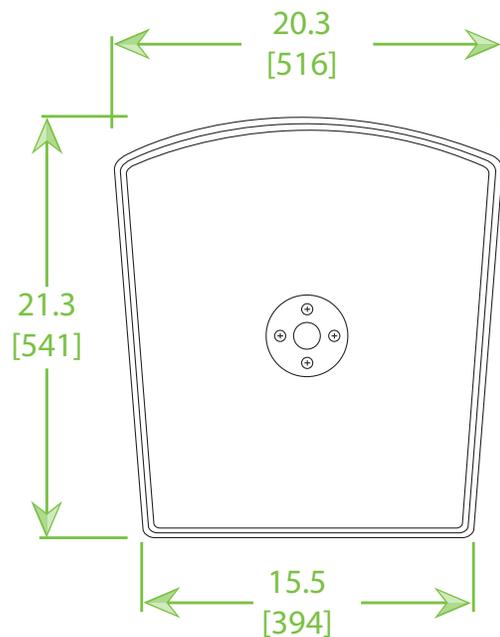
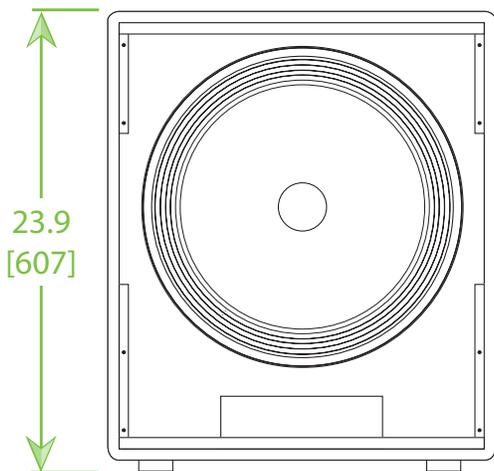
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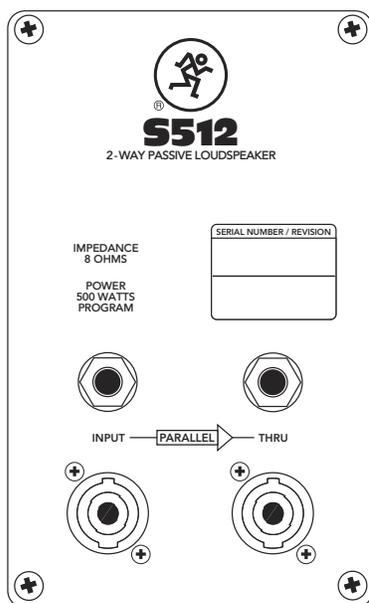
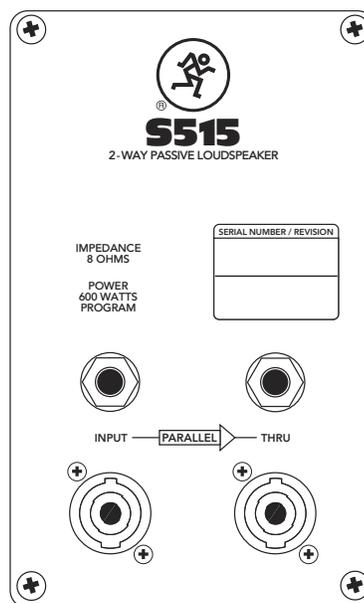
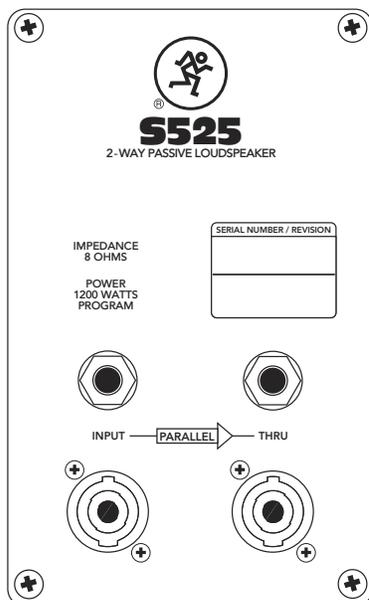
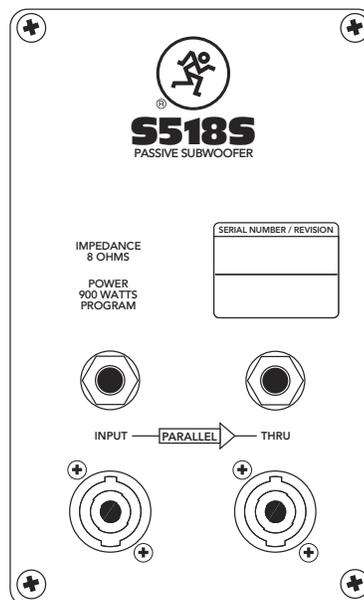
- 1. WEIGHT APPROX. 75 lb [34 kg].
- 2. SHIPPING WEIGHT APPROX. 79 lb [35.8 kg].

S515 NOTES:

- 1. WEIGHT APPROX. 70 lb [32 kg].
- 2. SHIPPING WEIGHT APPROX. 74 lb [33.6 kg].

S518S DIMENSIONS



S512 REAR PANEL

S515 REAR PANEL

S525 REAR PANEL

S518S REAR PANEL


LOUD Technologies Inc. is always striving to improve our products by incorporating new and improved materials, components, and manufacturing methods. Therefore, we reserve the right to change these specifications at any time without notice.

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Electronic files for this product are available at:
www.mackie.com

Specification Sheet	S500_Series_Loudspeakers_SS.PDF
Owner's Manual	S500_Series_Loudspeakers_OM.PDF



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