



# TRUESONIC 2 SERIES TS212

## Active 1100W 12-Inch Loudspeaker



### Product Overview

The new Truesonic TS2 product range is the result of an absolutely clean-sheet approach to designing professional speakers that strikes an ideal balance between no-compromise acoustic performance, the complete array of features that users demand and outstanding ergonomics and utility—all coupled with a stunning new industrial design. The amplifiers in the TS212 are rated at 550 watts continuous, 1100 watts peak—a significant increase over the previous model. This new higher power capability ensures greater output for use in larger spaces, with increased clarity, since the amplifiers won't "run out of steam" and distort the way less powerful units will.

The all-new industrial design is more than just beautiful: Four integral handles, make the TS212 easy to pick up in either H or V orientation. The tough, durable cabinets have excellent acoustic properties, while their lighter weight makes them easy to transport.

Higher performance, unsurpassed utility and connection options, easy transportability and unparalleled value—you'll find it all in the Alto Professional TS212 powered loudspeaker

### Product Features

- 550W continuous, 1100W peak Class D power
- 12-inch LF driver, 2.5-inch high-temperature voice coil
- 1-inch neodymium HF driver with precision waveguide
- Bi-amplified design with precision active crossover and EQ
- Integrated 2-channel mixer with dual XLR 1/4-inch combo mic/line inputs and independent level controls
- XLR Link output
- Ground-Lift switch
- Contour switch for increased EQ control
- Electronic clip, thermal and transducer overdrive protection
- Compact, lightweight, trapezoidal cabinet design for easy transport and installation
- Can be used as main PA speaker or in floor monitor application
- Stand and pole-mountable with integral M10 suspension points
- Designed and tuned in the USA



# TRUESONIC<sup>2</sup>SERIES TS212

## Active 1100W 12-Inch Loudspeaker

### Technical Specifications

Output Power	1100 W peak (700 LF + 400 HF) 550 W continuous RMS (350 LF + 200 HF)
Low Frequency	12" (305 mm) woofer, 2" (51 mm) voice coil
High Frequency	1" (25 mm) neodymium driver
Crossover	2 kHz
Maximum SPL	127 dB peak, 124 dB continuous (dB-SPL @ 1 m)
Frequency Response	53 Hz – 20 kHz (+ 3 dB)
Frequency Range	46 Hz – 22 kHz (-10 dB)
Coverage	80/100° H x 60° V nominal
Connectors	(2) 1/4" (6.35 mm) TRS or XLR inputs (1) XLR link output
Cabinet	Trapezoidal, injection-molded, polypropylene enclosure, with perforated steel grille
Controls	Volume, power on/off with LED, clip limiter with LED, ground lift
Protection	Electronic clip, thermal and transducer overdrive protection
Power	AC Input: 100–120/220–240 V, 50/60 Hz Fuse: 100-120 V T6.3AL AC250V / 220-240 V T3.15AL AC250V
Dimensions (width x depth x height)	14.04" x 13.80" x 23.28" 357 x 351 x 591 mm
Weight	28.35 lbs. 12.86 kg



# TRUESONIC 2 SERIES TS212

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### User Summary and Target Markets

The primary target market for the TS212 is professional performers seeking an easily transportable, moderately-priced powered loudspeaker solution with exceptionally high performance, power and utility. Combining in excess of 1100W peak power, a wide frequency range (46Hz – 22kHz), 2 TRS/XLR combo inputs for amplification of a wide range of input sources (including mixers, instruments, microphone etc), dedicated input volume knobs for on-board signal balancing, on-board contour & ground switch functionality and an XLR Mix Out connector, users are provided with a comprehensive solution for sound reinforcement that is easily expanded to accommodate additional loudspeakers if required. Users in this target demographic will also appreciate the comparatively light weight of the TS212 thanks to it's inclusion of a Class D amplification system, as well as the convenience of five integrated handles allowing easy pick-up in either horizontal or vertical orientation. Thanks to an output power of 550W (continuous) / 1100W (peak) users in this demographic are guaranteed sufficient output for use in larger spaces with increased clarity due to the TS212's higher headroom when compared to less powerful units.

The secondary target market for Alto Professional's TS212 is private sector organisations where powerful, clear sound is required in a lightweight, conveniently stored and ultra-portable footprint – suitable demographics include dance studios, houses of worship, function rooms, fitness centres, bars/restaurants and public speaking events.

Additional target markets for the TS212 include:

- Primary, Secondary, SEN, FE and HE Educational Institutions
- Recording Studio Owners
- Rehearsal Suites

### USP for Target Demographics

Professional Performers	Private Sector Organisations
<ul style="list-style-type: none"> <li>• 550W continuous, 1100W peak Class D power</li> <li>• 12-inch LF driver, 2.5-inch high-temperature voice coil &amp; 1-inch neodymium HF driver with precision waveguide</li> <li>• Integrated 2-channel mixer with dual XLR 1/4-inch combo mic/line inputs and independent level controls</li> <li>• Compact, lightweight, trapezoidal cabinet design for easy transport and installation</li> <li>• Angled rear panel for wedge monitor applications</li> <li>• Stand and pole-mountable with integral M10 suspension points</li> <li>• XLR Link output for connection to additional loudspeakers</li> <li>• Ground-Lift switch</li> <li>• Contour switch for increased EQ control</li> </ul>	<ul style="list-style-type: none"> <li>• 550W continuous, 1100W peak Class D power</li> <li>• 12-inch LF driver, 2.5-inch high-temperature voice coil &amp; 1-inch neodymium HF driver with precision waveguide</li> <li>• Integrated 2-channel mixer with dual XLR 1/4-inch combo mic/line inputs and independent level controls plus onboard Contour switch for increased EQ control</li> <li>• Compact, lightweight, trapezoidal cabinet design for easy transport and installation</li> <li>• Stand and pole-mountable with integral M10 suspension points</li> <li>• XLR Link output for connection to additional loudspeakers</li> </ul>