

PRO

PORTABLE PA

PRODUCT SPECIFICATION SHEET

TYPE:

POWERED &
PASSIVE

PRODUCT

XPL300

DESCRIPTION

LOUDSPEAKER WITH AMPLIFIER & MIXER

SERIES

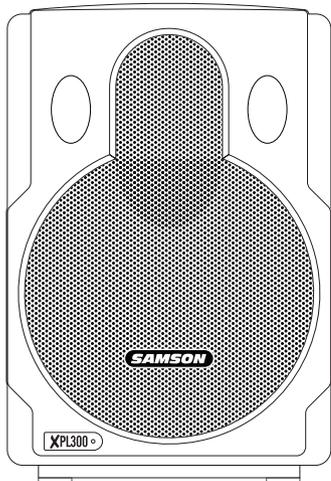
EXPEDITION

CATEGORY

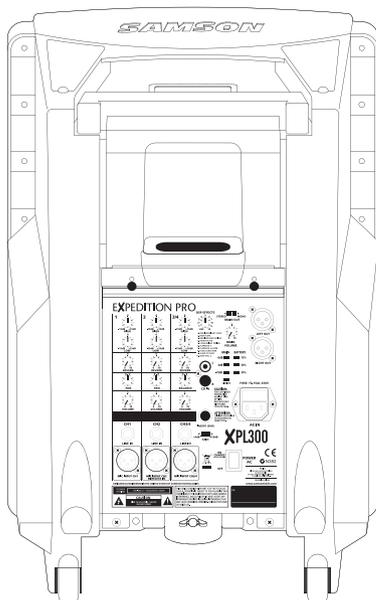
PORTABLE PA



FRONT PANEL



BACK PANEL



GENERAL DESCRIPTION

The most comprehensive version of Expedition, the XPL300 is a powered loudspeaker with a built-in 4-channel stereo mixer and 24-bit digital effects processing.

Designed as a completely portable, all-in-one PA system, the XPL300 is ideal for people who want superior audio anywhere they go. Whether you just want a rugged and versatile loudspeaker enclosure that consistently delivers big sound, or a complete professional audio system in a highly mobile design, Expedition is the answer. The Expedition Series is also the only portable PA system with an integrated iPod® dock.

The XPL300's mixer features two bands of equalization, two mic/line channels and a stereo channel with a mic pre. RCA inputs allow you to easily interface a CD, mini disk or tape player. The 24-bit digital processing section consists of ten high-quality presets that range from a touch of room ambience to lush, reverberant halls. Versatile and easy to use, the mixer also lets you daisy-chain additional enclosures in stereo.

The XPL300 has a Class D power cell capable of producing up to 200 watts RMS. It also includes built-in limiting. Utilizing a Class D power amplifier section provides very low current draw, and very low inrush current. As a result, the amplifier gives off very low heat, is 85% efficient, and the RB2030 (optional battery) will last much longer due to the lower current draw.

Finally, we've improved the 12-inch heavy-duty LF driver, 1-inch titanium compression driver for more robust power handling.

FEATURES

- > Excellent powered speaker for public address, music playback or floor monitoring
- > Integrated iPod® dock
- > 200 watts of high-quality, lightweight Class D power
- > Custom designed, heavy-duty, 12-inch low frequency driver with 1.5-inch voice coil
- > 1.5-inch titanium compression driver with 1-inch exit
- > Built-in 4-channel stereo mixer with studio-quality 24-bit DSP effects
- > Durable high-impact polypropylene cabinet with scuff-resistant textured finish

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XPL300

continues>

FEATURES (continued)

- > Integral 1 3/8-inch pole-mount receptacle
- > Heavy-duty steel grill
- > Built-in wheels and telescoping handle for easy transport
- > Operates on AC power or with the optional RB2030 Rechargeable Battery
- > Compatible with Samson Wireless Micro Systems

ARCHITECT'S & ENGINEER'S SPECIFICATIONS

The XPL300 shall be a 2 way PCV plastic speaker cabinet to be used as a FOH speaker or as a short throw monitor when tilted back. It shall be black and have metal mesh grills. It shall have a 200 watt class D power amplifier. It shall have a 12 inch woofer for low frequencies and a one inch compression driver for high frequencies. It shall have a mixer built into the rear of the unit. The mixer shall have 2 Mic / line channels with XLR and 1/4 inch inputs and a stereo line / mono mic channel with a +4 TO -10 Level Switch. All channels shall have controls for volume, pan/balance, reverb send, and high and low frequency equalizers. There shall be 24 bit digital effects with 10 presets. There shall be RCA inputs also for channel 3/4. The main section shall have a main volume control and main stereo/mono switch. It shall have 2 XLR outputs. The XPL300 shall have a 1-3/8th inch receptacle on the bottom for pole mounting. A battery level meter shall be provided for the optional RB2030 battery. A standard IEC connector and cable will be supplied for connection to AC power sources. The XPL200 shall have "inline skate" type wheels and a retractable handle for easy transport.

XPL100 SPECIFICATIONS

Power Rating: (@ 8Ω)	250 watts Program; 400 watts Max. Peak
Frequency Response	60 Hz – 15 kHz ± 3 dB
Sensitivity	97 dB SPL @ 1W/1m
Crossover Frequency	2.3 kHz (12 dB Per Octave) lamp protected
LF Driver	12" heavy-duty driver, 2.5" voice coil (Kapton Former), 50 oz. barium ferrite magnet
HF Driver	1" compression driver
Mounting	Integral 1 3/8" Pole Mount Receptacle, Fly Points
Dimensions (H x W x D)	21 1/4" x 14 5/8" x 17 3/8" 539 mm x 371 mm x 441 mm
Weight	38.5 lbs • 17.5 kg

