

UXA4401

Multipurpose Installation Amplifier



- ▶ **DSP** – full matrix DSP embedded and controlled via TCP/IP
- ▶ **Versatile Outputs** – Optimal hybrid of Low and High Z performance
- ▶ **Sync Functionality** – S/PDIF linking to multiple amps
- ▶ **Power Share** – Support of power sharing up to 250 W
- ▶ **Certified** – Safety and EMC. Compliant to ErP & EnergySTAR*
- ▶ **Market Proven Reliability** – Based on Pascal amplifier technology.

APPLICATIONS

Bars & Cafes

The combination of small size and high power per channel flexibility makes UXA4401 especially good for installing in Bars, Cafés, and restaurants.

Restaurants

Restaurant's use sound as part of the dining experience, and many have dynamic needs for the sound level. Some have bar areas where they need more sound pressure, and then have cosy eating areas where they need less.

Retail stores

Retail stores have background sound (or sound branding) where music is matched to the profile of store. This leads to a wide range of sound demand – a furniture store with cool background sound, a stylish clothes shop with medium pressure or a trendy juice bar with need for more power!

Fitness Centres

Fitness locations demand excellent sound with great system flexibility. Background tracks play in a gym & workout area, soft sounds in yoga classes – then heart racing power in the spinning & CrossFit classes!

Hotels & Education Sites

For hotels and education sites that have auditoriums, theatres, large dining spaces, and multiple large meeting rooms - complete flexibility of available power is needed.

Corporate

The corporate space has many different applications – open office spaces, sound for board & conference rooms, meeting areas of any size – plus warehouses, cafeteria & break areas. IP an ideal choice as one amplifier can cover all these needs.

House of Worship

House of Worship needs reliable, high-quality amplification of voice, and at the same time the amplifier should cover a large distribution area with many specialized speakers. Due to the high quality of amplification at medium power levels and delivery superior speech intelligibility it is perfect for house of worship installations.



SPECIFICATIONS

Channels	4
Output Power Single channel driven	280W* @ 4/8 ohms, 70V/100V**
Total System Power	560W*
Power Consumption	150W
Dimensions	1.75 x 8.66 x 11.65 in (44.5 x 220 x 296 mm)
Weight	6.2 lbs (2.8kg)
Output Circuitry	UMAC™ Class D - full bandwidth PWM modulator with ultra-low distortion
Output Voltage	70Vp / 140Vpp (unloaded) // Bridged 140Vp / 280 Vpp (unloaded)
Signal To Noise-Ratio	>106dB (A-weighted, 20Hz-20kHz, 8Ω load)
THD+N (typical)	< 0.05% (20Hz-20kHz, 8Ω load, 3dB below rated power)
Frequency Response	20Hz-20kHz (+0/-0.25dB (8Ω load, 3dB below rated power)
Protection Circuits	Short circuit -, DC -, Undervoltage -, Temperature - and Overload protection
Power Supply	UREC™ universal mains switch mode power supply with Power Factor Correction (PFC) and standby converter
Operating temperature	0-40C
Operating Voltage/ Frequency	Universal Mains, 100V-240V, 50Hz-60Hz
Standby Consumption	<0.5W
Accessories	Rack mount kit, Wall/desktop mount kit
Power Ratings	1% THD @ 120Vac and 230Vac

*System limited by SMPS RMS Power Limit

** 100V line mode operates at -1 dB (approx 90V)

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