DIGAM LSERIES

- DIGAMechnology
- Two andfour channels lightweight
- DSP and mote control option

The light 2 or 4 channels version of Powersoft DIGAM amplifiers family



Digam L series epresents the entry level of Poversoft Dgam Amplifiers family. The size and weight is an absolute minimum thanks of the 1 U standard and the educed depth of the equipment. The L series models are provided in two versions, D (four channels) and LD (two channels). Available models provide 700W on 4 or feach channel with bridge mode drive appability on 8 hall series provide upgrade appability through plug-in option modules units for DSP processing and Remote Control functionality. L Series maintains the high professional class from small to medium applications of installed south stage monthly and portable sound.

Output Specifi ations*

	4Ω dual/quad	8Ω dual/quad	8Ω bridge	16 Ω bridge
LD1404	700 W	360 W	1400 W	720 W
LQ2804	700 W	360 W	1400 W	720 W

*EIAJ Test 1kHz 1%THD

Features:

- · Advanced swtch-mode power supplytechnology for highperformances and compact size
- Variable speed fanfor bw noise
- Inrush Limter for bw AC irrush current, removing the needfor expensive power sequencers
- XLR female style inputconnectors with linkapability
- Built-in clip limiers
- Detented gaincontrols for fast and accuste gain setting(32,30,28,26,24,22, 28.14.4 dB)
- Comprehensive font panel indiators including signalclip, protect and threal forecast
- Fully protected circuit design including Danfasonic, high requency, thmeal overload and shot circuit
- Fixed frequency switchmode output stageor high gade sound acceases
 Compact size: all models only RU for reduced rack cost and space
- Light weight: all models only 7.3kg (16pounds) for easierracking and shipping
 • Remote Control Option (RS 48terface)
- DSP plug imboard option

Audio Section:

Channels: 2 or 4

Bandwidth (1W, 8 Ω): 5Hz - 30KHz SNR (20Hz-20kHz Aveighted): > 105dB

Distortion THD: Max < 0.5%rdm 0.1Wto fullpower (tipically < 0.1%) Intermodulation disorsion DIM100:Max < 0.02%rdm 0.1Wto fullpower (tipically < 0.01%)

Intermodulation disorsion SMPTE:Max < 0.5%rdm 0.1Wto fullpower

(tipically < 0.1%) **Damping Factor (8Ω):** >200 @100Hz

Voltage Gain: 32dB

Slew Rate (8 Ω): 40V/µS (input lifer bypassed)

Power Section:

AC Line Voltages: 115 or 230 (+15%-25%n)teirnal selection (50/60Hz) Operating Environment Emperature: O°C / + 45° C

Consumption Average: 700 W

Input/Output:

Input Connectors: balanced to gound, XLRfemale combo jack 6.3 mm Input Impedance: 10 @ each legeledronically balaned to gound
Output Connectors: Neutrik® 4pole Speakon® connectors: pins 1+/1- single ended, 2+/2- bidged

Protections:

DC potection: potects against infasonic signals

VHF protection: protects the loudseakers against stong very high requency non-musical signals bove the audibleange.

Thermal potection: prevents the ampfier fom being overheated. The protection

indicators on thereint panel ae switched on as avarning, before the potection process is initited.

AC protection: shuts dwn the power supply if the limeltage is outside the operating voltage.

Clip limiter: pevents everely clipped waveforms fom reaching the loudseakers, whilst maintaining fullpeak power.

Controls/Indicators:

Front Panel: Led bar indiator, temp, ready. Channel gaincontrol knobs.

Construction:

External Dimensions: Standard rack 19 - 1 unit (HxWxD) 44x482x358 mm Weight: 7.ka

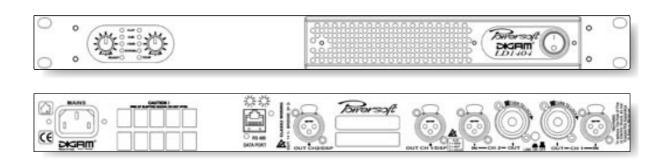
Accessories:

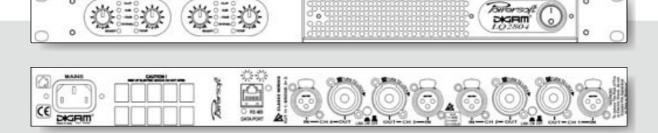
 $\textbf{Networking:} \ \, \mathsf{OptionalBoard}$

Signal Processing: DSP OptionaBoard (oneevery two channels)

Main Applications:

Installations, Portable Sound





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