

High-power amplifier at a minimum weight

- Combines analog amplifier design in class H technology and switch-mode power supply
- 2-step power output for significantly less power loss and heat
- Advantages in low weight and little space due to switch-mode power supply instead of large and heavy transformers
- Switch-mode power supply
- High efficiency, operation via safety power outlet
- Automatic power supply adaption between 100 and 240 Volts without power selector
- Power supply with softstart
- High impulse stability
- Stable metal housing, light and compact
- Plain design with aluminium frontpanel
- 19" dimensions with 2 units
- Complete protection set against overheat, overload, short-circuit, DC, softstart
- Thermal stability via three fans (2 temperature-controlled fans, 1 constant fan)
- Highly efficient front-to-rear air routing
- Low fan noise especially at low output levels
- Electronically balanced inputs via XLR/Jack mounting sockets
- Outputs via lockable Speaker-plugs
- Operation mode visible via LED-display for Signal, Limit and Protect
- 4-fold LED-Meter per channel
- Calibrated input controls for exact level control, power switch
- Ground Lift-switch against humming
- Bridged-switch for bridging
- Combines superior sound-quality with highest reliability at significant lower weight
- Excellent power/weight-relation
- Stable permanent power for all models
- Reliable power amp for a wide range of applications
- Suitable for compact-PAs, multi-PAs, international concerts



Technical specifications:

Power Supply:	100-240 V AC, 50-60 Hz ~
Power Consumption:	2100 W
Power Output (RMS):	
Stereo 4 Ohms	2 x 600 W
Stereo 8 Ohms	2 x 400 W
8 Ohms bridged	1 x 1200 W
Frequency Response:	20 Hz - 20 kHz
Signal-to-Noise Ratio:	> 90 dB
Total Harmonic Distortion:	0.1 %
Damping Factor:	> 500
Voltage Gain:	32 dB
Slew Rate:	40 V/µsec.
Crosstalk:	> 70 dB
Input Sensitivity:	0.77 V
Input Impedance:	20 kOhms
Input Connectors:	2 x XLR/Jack mounting socket
Output Connectors:	2 x Speaker (stereo), 1 x Speaker (bridged)
Protection:	Overheat, overload, short-circuit, DC, softstart
Cooling:	2 temperature-controlled fans, 1 constant fan, front-to-rear
Controls:	Power switch, input attenuators, Mode switch - Stereo/Parallel/ Bridged, Ground Lift
Indicators:	
Global	Stereo, Parallel, Bridge
Per channel	Signal, Clip, Protect, 4-fold LED-meter
Construction:	Steel chassis, aluminium frontpanel
Dimensions:	477 x 482 x 88 mm
	19"-dimensions with 2 u
Weight:	14 kg
Power/weight-relation:	43 W/kg

Accessory:

Amplifier-rack PR-2ST, 8u, 55cm deep	No. 30109789
Cable 1/4" plug to 1/4" plug 3,0m blue	No. 3021010N
Cable 1/4" plug to 1/4" plug 3,0m black	No. 3021050N
Cable 1/4" plug to 1/4" plug 6,0m blue	No. 3021110N
Cable 1/4" plug to 1/4" plug 6,0m black	No. 3021150N
Cable MC-15, 1,5m, black, XLR m/f, balanced	No. 3022045N
Cable MC-30, 3m, black, XLR m/f, balanced	No. 3022047N
Cable MC-50, 5m, blue, XLR m/f, balanced	No. 3022010N
Cable MC-50, 5m, black, XLR m/f, balanced	No. 3022050N
Cable MC-100, 10m, black, XLR m/f, balanced	No. 3022055N
Cable MC-115, 15m, black, XLR m/f, balanced	No. 3022057N