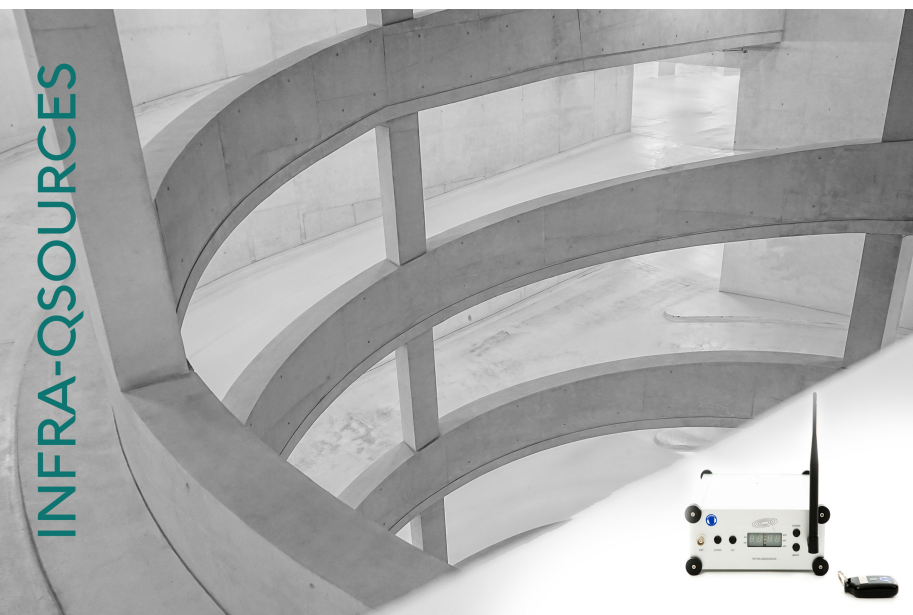




Qsources

INFRA-QSOURCES



Qam

PORTABLE DSP CONTROLLED SIGNAL GENERATOR
MEASUREMENT AMPLIFIER

Qam

SPECIFICATIONS*

Description	Fully DSP controlled signal generator measurement amplifier
Weight	2.4 kg
Max. Power output	1200 Watt
Frequency range	20-40000Hz
Dimensions	245 x 190 x 90 mm
Internal noise generator	✓ white + pink Noise
External signal	✓ max. 1 Volt pk-pk
Equalization function	✓
Linearisation of the freq. Spectrum	✓
Amplification setting accuracy	+0.5dB
Max. Peak voltage output	150 Volt pk pk
Max. Peak current output	56 Ampere pk-pk
Temperature + overload Protection	✓
Mains power requirement	1400 Watt 230V-50Hz / 115V-60Hz
Integrated Remote Control (FR)	✓
Remote range	up to 100 metres ****
Minimum load impedance	2 Ohm
Carrier Frequency	AM 433 Mhz

*These specifications may be adapted if necessary to improve the quality.

**When driven with Qam generated low crest-factor pink noise at 22 Celsius ambient temperature or lower.

*** For maximum performance a dedicated power amplifier type Qam is available from Infra-Qsources

**** Range in free sight. The range can be influenced by metal structures.

Qam is fully DSP Controlled sound power amplifier for noise and vibration measurements with a very high power/weight ratio for maximum portability and a straightforward, easy to use button operation. It includes an internal white/pink noise signal generator.

It is recommended to use a dedicated amplifier for high power omni-directional sound sources such as Qohm.

Qam incorporates firmware designed to provide spectral equalization for each sound source. The low frequency equalizer allows the lowest third octave bands to be adapted to the measurement space.

