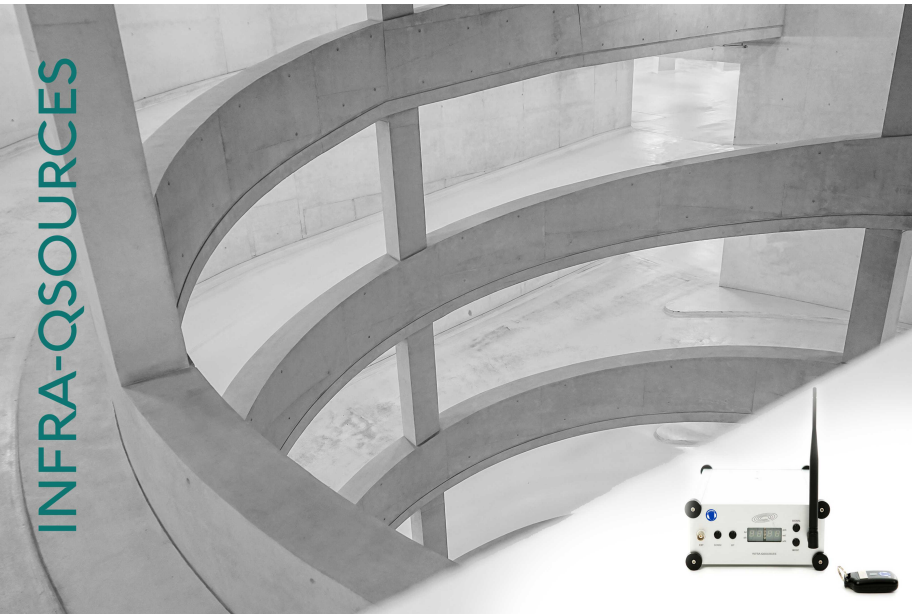




Qsources

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	950 Watt
Frequency range	20-40000Hz +0/-3 dB
Dimensions	245 x 190 x 90 mm
Internal noise generator	√ white + pink Noise
Minimum load impedance:	4 Ohm (or 2 Ohm below 200 watt)
External signal	√ max. 0.4 Volt sspk
Equalization function	√
Linearisation of the freq. Spectrum	√ for main Infra-Qsources products
Amplification setting accuracy	+0.5dB
Max. Peak voltage output	75 Volt sspk
Temperature + overload Protection	√
Mains power requirement	1400 Watt Fixed 230V-50Hz, or fixed 115V-60Hz
Integrated Remote Control (FR)	√ Range up to 100 metres *
Max. Peak current output	56 Ampere pk-pk
Recommended to use with	Qohm / Qoms2 / Qoms1 / Qm

* 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. The button controlled operation is fast, straightforward and stable. Internally generated white/pink noise signals are available as well as acceptance of any external signal generator. Qam incorporates firmware designed to provide spectral equalization for the coupled sound source. Especially for measurement in difficult small spaces, a low frequency third octave band equalizer allows adaption to the measurement space. Remote activation and de-activation up to 100m. range in free sight.

