

Specification

icTalk HF 200 kHz



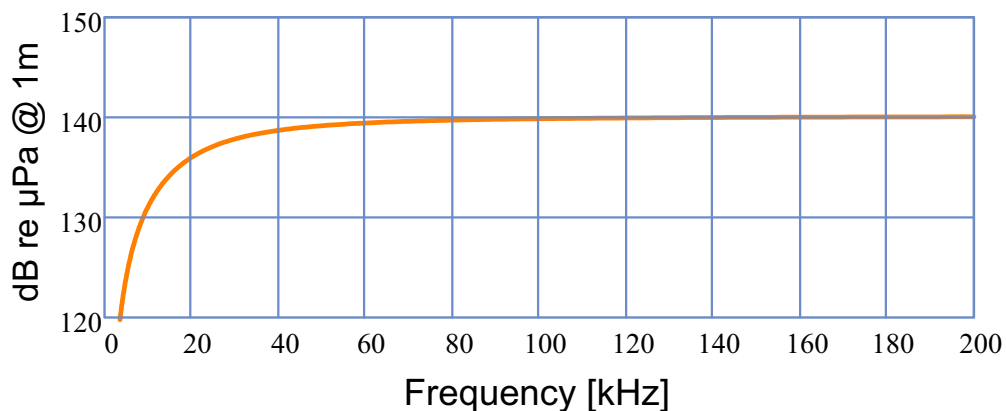
The updated **icTalk HF** sets the standard for calibrated projectors with its high performance and ease of use.

Use the **icTalk HF** to produce a series of tones, sweeps, pauses, or a combination of all three. Use it stand-alone, as a beacon, or connected via cable to a PC. Output is flat ($\pm 1.5\text{dB}$) at 140 dB re.1uPa at 1m.

Ensure best orientation and performance by mounting icTalk HF into our Float Collar.

Performance	Value
Peak Output	140 dB re μPa @1m
Frequency Response	30 to 200 kHz ± 3 dB 10 to 200 kHz ± 6 dB
Instrument SYNC	Outputs PPS to align tones
Harmonic Distortion	1%
Data Interface	Standard Serial Optional Ethernet

icTalk Frequency Response



Instrument access methods

- **Talk Assistant** PC software to enquire & setup sound patterns in the instrument

Mechanical

Mechanical	mm
Overall length, including connector	267
Body and sensor element length	230
Body (can) only length	165
Body diameter	45
Sensor element diameter	20



Specification

Item	Description
Material	Engineered plastic rated to 200m. Deep (3500m) version available in titanium
Calibration	High frequency tank calibration measurements supplied with instrument.
Timing	Stable timebase provided by a 16MHz TCXO
Power	12-24Vdc $\pm 15\%$, reverse polarity protected. Draws 5mW in standby mode.
Batteries	Internal lithium Ion 3.7V rechargeable, suitable for air shipping Capacity 2.6 A-h
Safety	Electrical interface is designed to survive miswiring. Isolation between DC power and the instrument or communication interface is greater than 100 M Ω , @ 250Vac. Plastic units use brass connectors. Titanium units use Titanium connectors.
Connector	Standard instrument connector is SubConn MCBH-8M. Pinouts are available in the instrument user's guide.