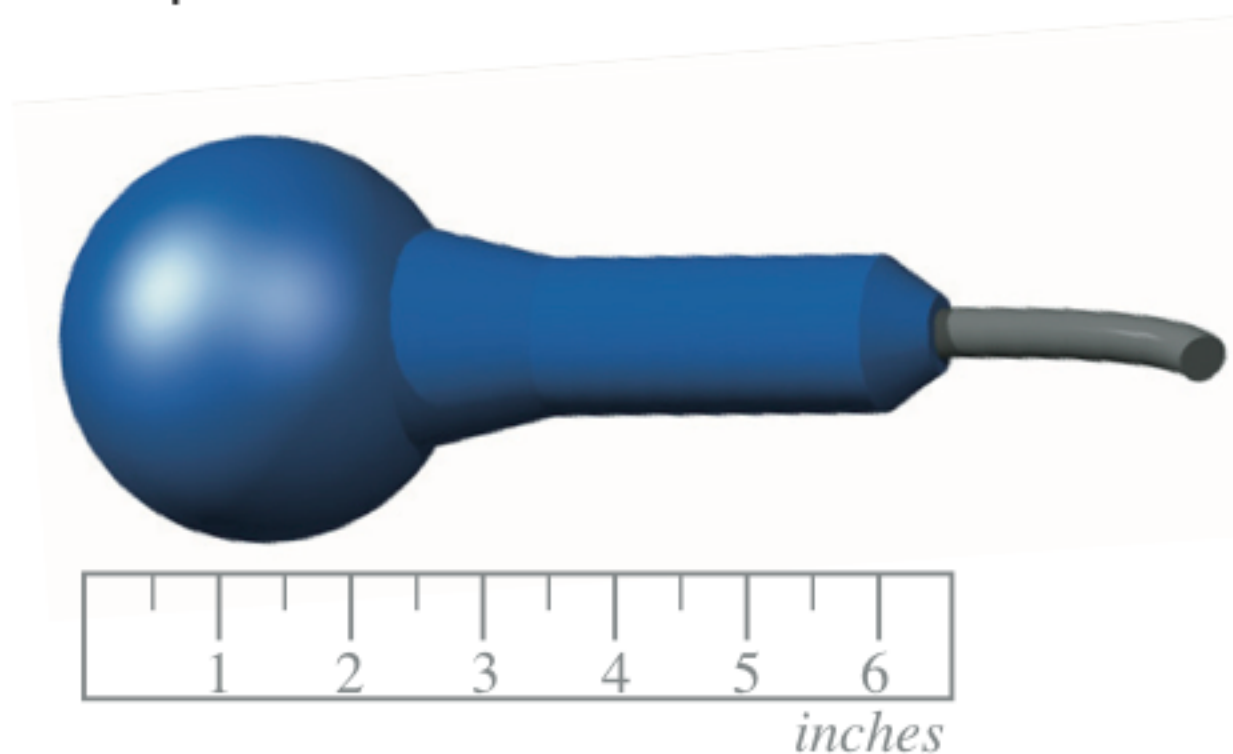


# Model ITC-1032

## Deep Water Omnidirectional Transducer

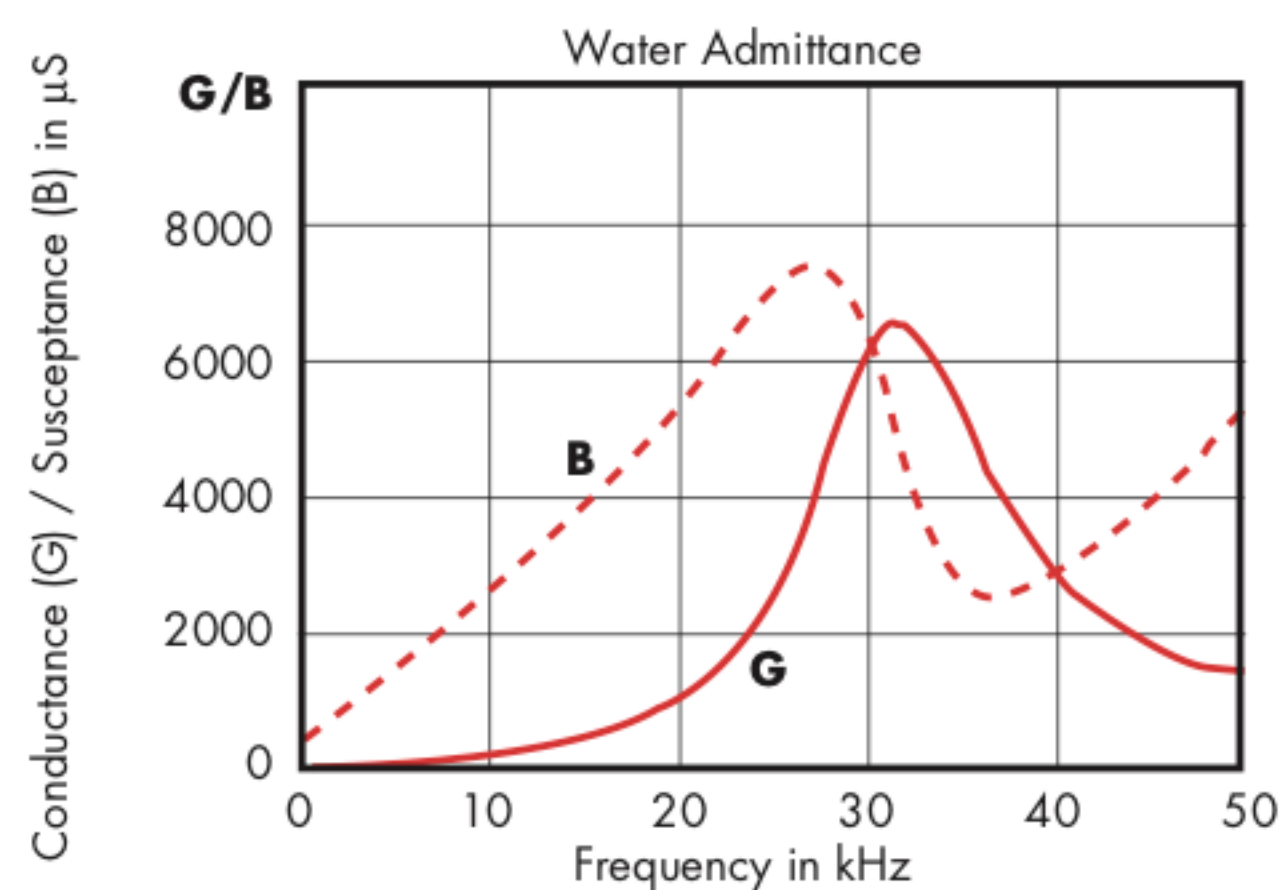
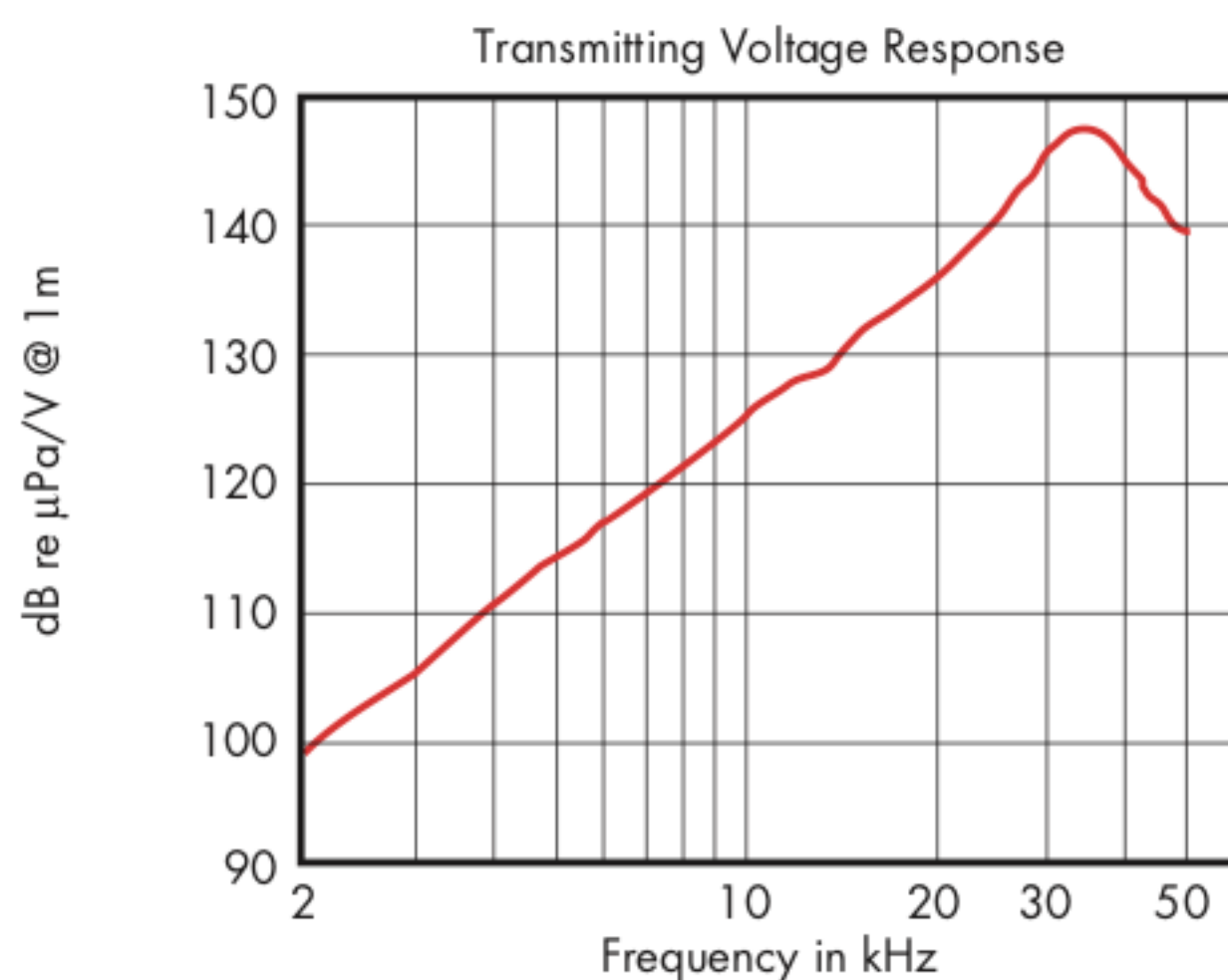
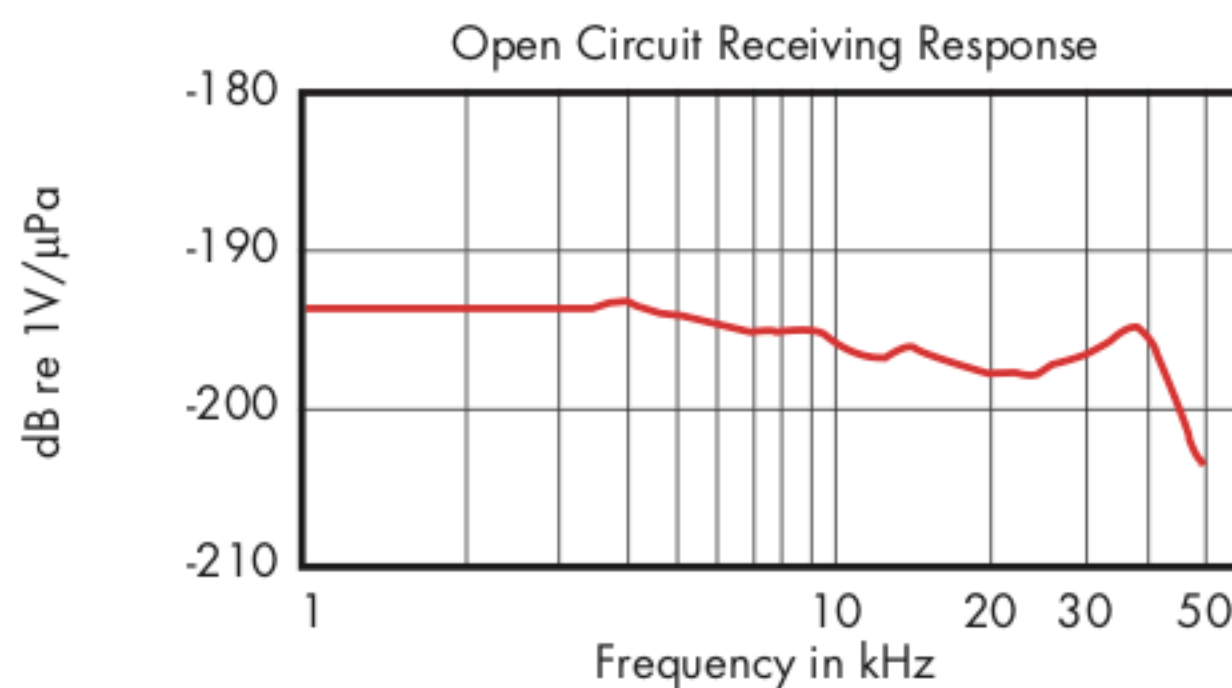
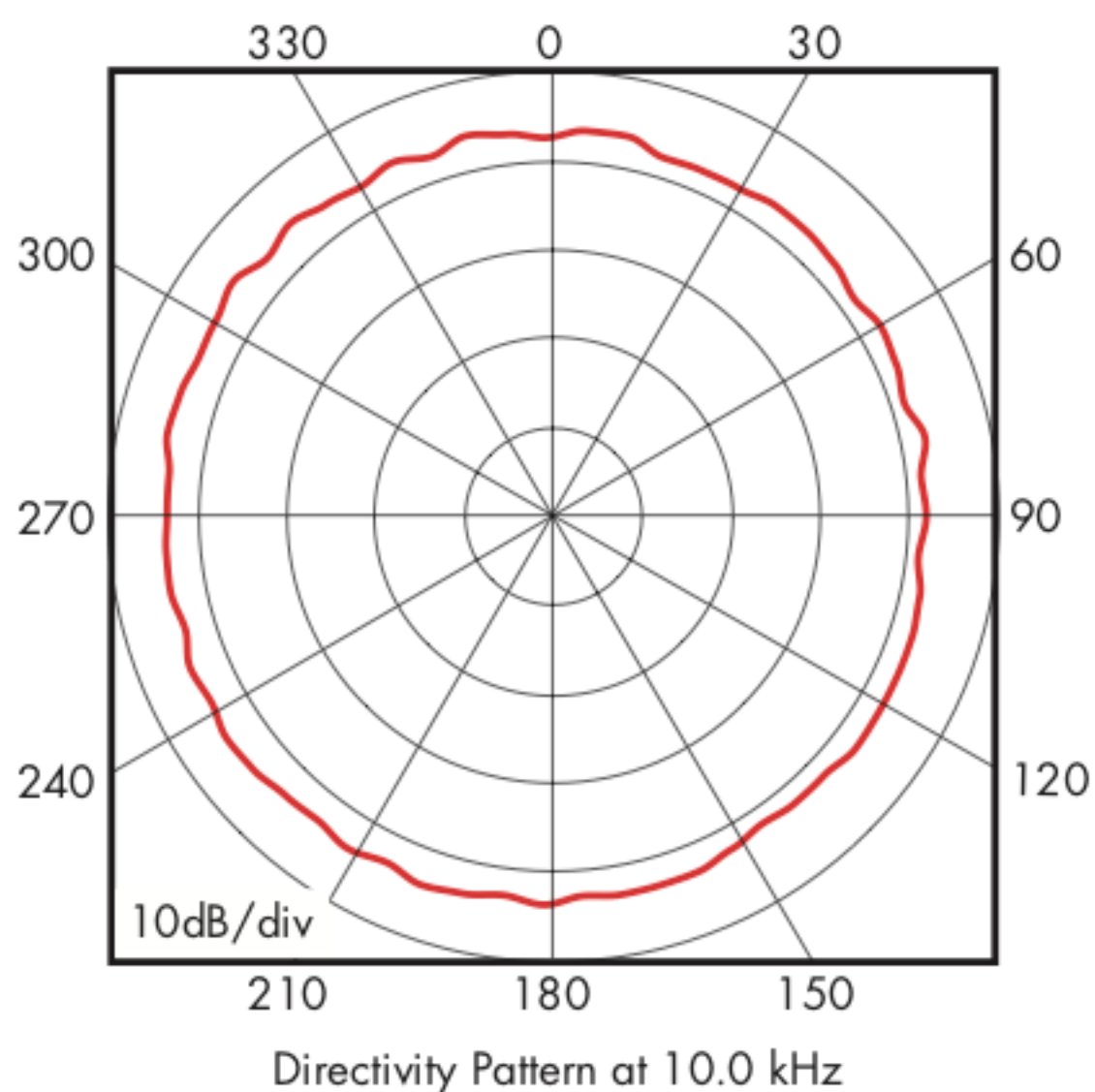
Model ITC-1032

**The Model ITC-1032** spherical transducer offers broadband omnidirectional transmitting and receiving response with efficiencies of over 50%. This transducer is fabricated of Channelite-5400 lead zirconate titanate ceramic and is particularly well suited for noise sources as a broadband hydrophone and applications where an omnidirectional response is required.



### Specifications (Nominal)

<b>Type</b>	Projector/Hydrophone
<b>Resonance Frequency <math>f_r</math></b>	33 kHz
<b>Depth</b>	1250 meters
<b>Envelope Dimensions (in.)</b>	2.7D
<b>TVR at <math>f_r</math></b>	149 dB// $\mu\text{Pa}/\text{V}@1\text{m}$
<b>Midband OCV</b>	-194 dB//1V// $\mu\text{Pa}$
<b>Suggested Band</b>	.01 - 50 kHz
<b>Beam Type</b>	Spherical
<b>Input Power</b>	800 watts



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