

KRN Services Inc.

KRNi400 & i400p Integral Preamp Sensor

Electrical Specifications:

Supply Voltage: 15 to 30 VDC	Output Impedance: 50 Ohm
250 kHz High pass filtering (6 pole)	Temp Range: - 10 to 95oC
Gain: 50db nominal	Noise < 8mV

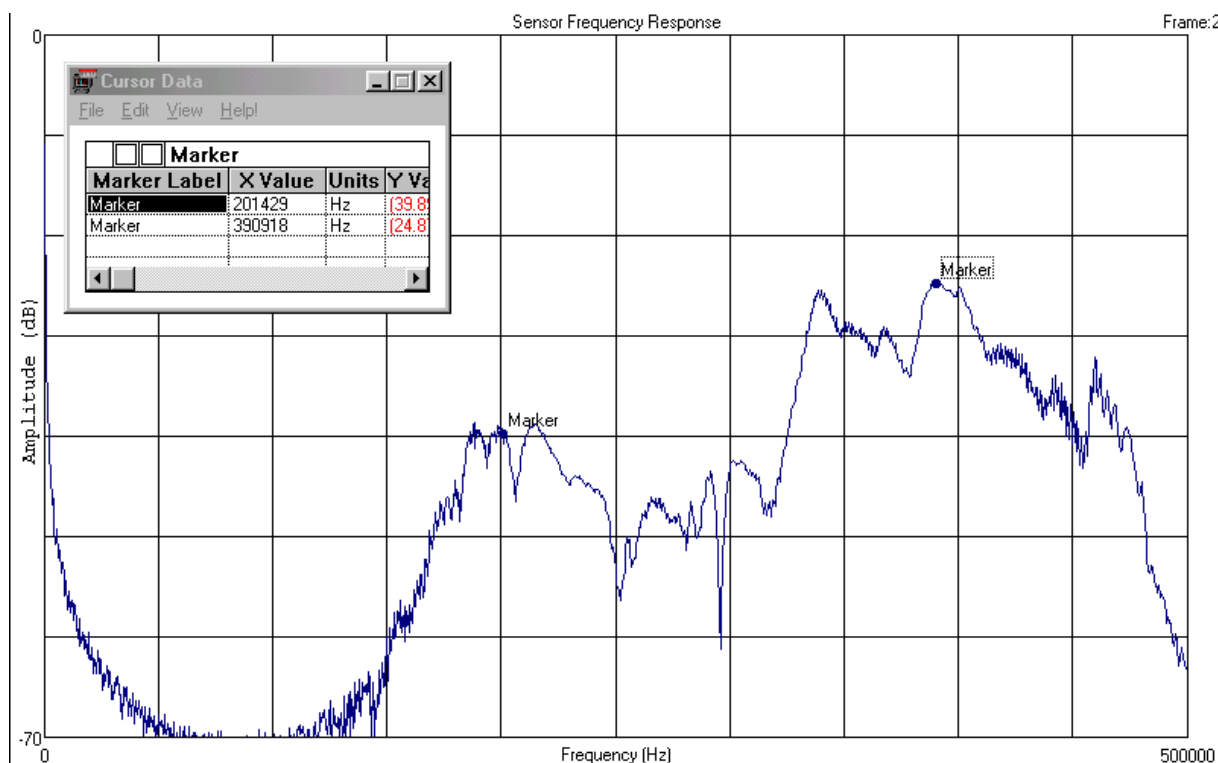
Mechanical Specifications:

Dimensions: 1 1/8" dia x 1 3/5" h (28mm x 40mm)	Weight: 3.7 oz (105 gms)
All Stainless steel construction with electrically isolating epoxy face	
Connector: Side mount female BNC	

i400p: Specs same as above except preamplifier shunt allows remote crystal pulsing when Vs<17VDC (200 V p-p limit for pulsing)



Typical Face to Face Sensor Spectral Response



Source Crystal: Panametrics V101

Source Voltage: Swept 11 - 495 kHz

Sweep Rep Rate = 10 mSec

Input Signal VRMS = 0.140

Reach us through ATG, <http://www.acoustictechnologygroup.com>