

## CR998 Tube Condenser Microphone

### General

The 797audio CR998 Tube is a vacuum tube condenser microphone with switchable nine polar patterns from power supply. At the heart of this microphone is the large dual diaphragm capsule, used the latest technics, assembled exclusively by hand and tested through DASS system one by one. Following the capsule is a tube, hand sorting for low function noise, works as an impedance converter. Unlike other 797 microphones, CR998 Tube comes with elegant green Teflon finish. The microphone is delivered as a complete set in a high-quality aluminum case. Included with microphone are a microphone cable, a metal mount for a mic stand, and a compact universal power supply for standard mains sockets. Our modern manufacturing methods make it possible to offer this complete set at a very attractive price.

### Applications

The perfect capsule, together with complimenting tube characteristics, makes the CR998 Tube especially well suited as a vocal mic. In addition, it is a superb spot mic for all types of musical instruments. There are nine polar patterns to choose from, making this microphone an ideal choice for a wide range of recording situations.

### Features

- ❖ Switchable tube microphone
- ❖ Uses classic 6072 vacuum tube
- ❖ Traditional transformer circuitry
- ❖ High output level
- ❖ Pressure gradient transducer
- ❖ Nine directional characteristics: omni, wide angle cardioid, cardioid, hypercardioid, figure-8, and one intermediate position each

### Specifications

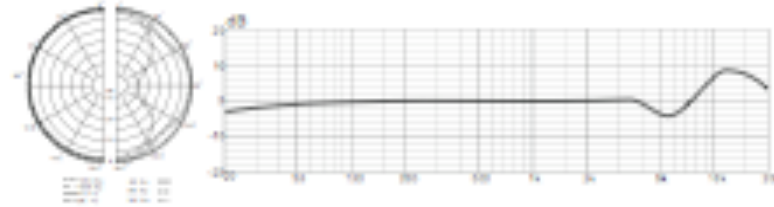
Acoustical operating principle	pressure gradient transducer
Directional pattern	Switchable 9 polar patterns from Power supply (cardioid/omni/figure-8 etc.)
Frequency rang	20 ~ 20 kHz
Sensitivity at 1KHz into 1Kohm	16mV/Pa ( -36dBV, re. 0dB=1V/Pa)
Rated Impedance	106 Ohm
Recommended load impedance	1000 Ohm
MAX. SPL for 1% THD @1000Hz	138 dB
Equivalent SPL DIN/IEC 651	19dB-A
S/N ratio DIN/IEC 651	75dB-A
Supply voltage	Special phantom power N95
Matching connector	7-pin XLR (gold plated)
Net weight	500g
Diameter	50mm
Length	230mm



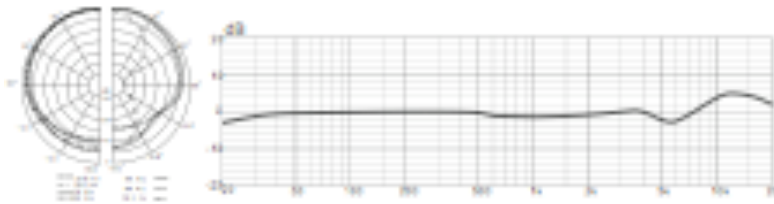
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### Frequency and polar pattern

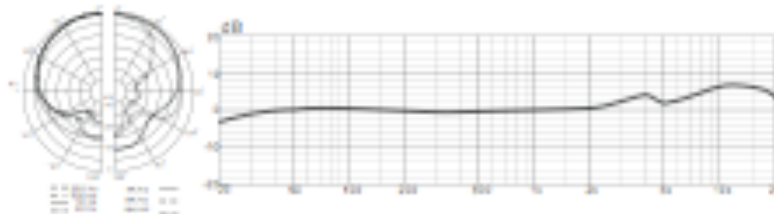
❖ Omnidirectionga



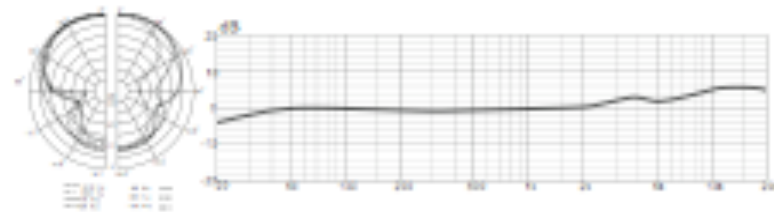
❖ Wide-angle Cardioid



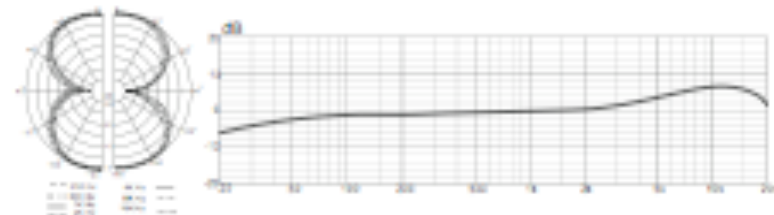
❖ Cardioi



❖ Hyper-Carioid



❖ Figure-8



### Accessories

- ❖ LQ-20C Elastic Suspension
- ❖ QZ-1 windscreen
- ❖ LX-15A microphone cable
- ❖ LS-98 microphone cable
- ❖ LD-3 power cable