

TYPE

A

MICROPHONE

CLASS A TUBE



WHATEVER YOUR SOUND, IT'S JUST YOUR TYPE.

The *Type A* vacuum tube microphone system is an innovative and unique solution for virtually any recording need. Combining low noise and superb transient response along with a choice of nine different interchangeable capsules (*The Redheads*), you'll quickly discover the *Type A* is a microphone system that will provide years of dependable service and amazing sounds. In an instant, you can change the bayonet-mount capsule for a stunning variety of sounds and pickup patterns without even shutting off the power! The transformerless Class A discrete amplifier circuit of the *Type A* is a thoroughly modern design with a nod to the classic circuits of yesterday. Utilizing a single hand-selected ECC88 vacuum tube, you'll hear musical detail and subtlety previously only heard in mics costing thousands more! The *Type A* includes a custom-built flight case, our high-definition tube mic cable, shockmount and the innovative *Powerstream* power supply, which not only ensures ultra-stable performance but features our soft-start feature which maximizes tube life and minimizes startup time.



TYPE A MICROPHONE WITH SHOCKMOUNT



TYPE A FLIGHT CASE WITH MIC, CAPSULE, POWER SUPPLY AND MIC CABLE



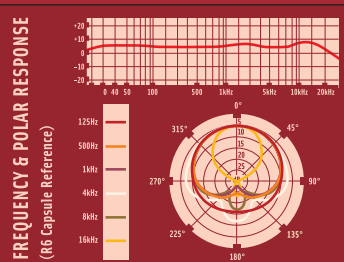
POWERSTREAM POWER SUPPLY

TECHNICAL SPECIFICATIONS

Acoustical operating principal:	Pressure gradient or pure pressure (depending on capsule)
Directional pattern:	Cardioid, omnidirectional, figure of 8 (depending on capsule)
Frequency response:	20Hz – 20kHz
Sensitivity (1kHz into 2.5k Ω):	50mV/Pa (+/- 10mV depending on capsule)
Rated impedance:	50 Ω
Rated load impedance:	Not less than 1k Ω
Noise level a-weighted (iec 651):	Not more than 9dBV – 14dBV (depending on capsule)
Max output (1% thd into 2.5k Ω):	+28dBV = 25.11 Vrms
Max spl (1.0% thd into 2.5k Ω):	139dB
Dynamic range (2.5k Ω load):	130dB
Supply voltage (IEC 268-15):	+48V phantom power (+35V min.)
Current draw: (typical AI+48V):	1.8mA

RED'S THEORY OF RELATIVITY

Every model of the *Type A* family employs a capsule with a different tonal characteristic and pickup pattern, each designed to provide the recordist with the ultimate sonic solution for their respective application. Below is a complete list of the nine Redhead mic capsules. Get them all and you'll have an entire mic cabinet at your fingertips!



These frequency charts of the Redhead capsules is only a start. It gives the recordist a basis of the sound provided. How the microphone reacts in a particular application will differ greatly because of many variables: Room acoustics, distance from sound source (proximity), tuning of the instrument and microphone cabling are only a few of the interacting issues. For an artist or engineer, how the microphones are used creates the basis of the sound.

THE REDHEADS

- R0 Capsule ■ Large diaphragm cardioid—bright
- R1 Capsule ■ Small diaphragm cardioid
- R2 Capsule ■ Large diaphragm figure of 8
- R3 Capsule ■ Medium diaphragm cardioid
- R4 Capsule ■ Small diaphragm sphere pressure omni
- R5 Capsule ■ Large diaphragm pressure omni
- R6 Capsule ■ Large diaphragm cardioid
- R7 Capsule ■ Large diaphragm cardioid
- R8 Capsule ■ Large diaphragm cardioid condenser

RED

MICROPHONES

www.redmic.com

818.292.8631
818.292.8503 fax