

TYPE B

MICROPHONE
 CLASS A SOLID STATE



WHATEVER YOUR TYPE, IT'S JUST YOUR SOUND.

Meet the *Type B*, cousin of the Type A. The Type B is our affordable Class A discrete solid state mic with a foundation for interchangeable capsules, including Red's nine vintage lollipop-style capsules, *The Redheads*. This bayonet-mounted system gives the user unlimited flexibility and a wide variety of tonal characteristics and pickup patterns, all in one mic! Precision-designed and hand-assembled, the Type B is crafted for a lifetime of use. Compared to similar microphones, the Type B has a very low self noise specification (<7.5dB) and an very high output level (+12dBV), making it the perfect choice for today's high sample rate/deep word length digital platforms. Instead of integrated circuits (chips), the Type B employs a transformerless Class A discrete amplifier circuit to ensure the most accurate and noise-free signal possible, with minimal distortion and coloration. The Type B is an ideal microphone for recording virtually any sound source. In addition to the microphone, the Type B also includes the *Type B Accessory Pak*, containing Red's high-definition 20-AWG mic cable and Type B Shockmount.



Interchangeable capsules!



TYPE B MICROPHONE WITH SHOCKMOUNT

TECHNICAL SPECIFICATIONS

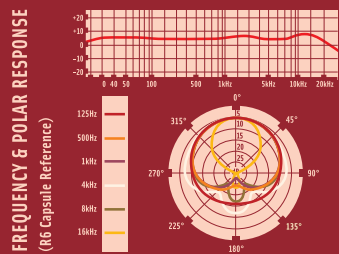
Acoustical operating principal:	Pressure gradient or pure pressure (depending on capsule)
Directional pattern:	Cardioid, omnidirectional, figure of 8 (depending on capsule)
Frequency response:	20Hz – 20kHz
Sensitivity (1kHz into 2.5k Ω):	27mV/Pa (+/- 10mV depending on capsule)
Rated impedance:	50 Ω
Rated load impedance:	Not less than 1k Ω
Noise level a-weighted (iec 651):	Not more than 7.5dBV – 14dBV (depending on capsule)
Max output (1% thd into 2.5k Ω):	+12dBV = 3.1 Vrms
Max spl (1.0% thd into 2.5k Ω):	138dB
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 B 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!



TYPE B MICROPHONE WITH SHOCKMOUNT & OPTIONAL POP FILTER



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

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