

RAYMER MODEL 204 MICROPHONE

DESCRIPTION: The Raymer Model 204 is a low impedance omni-directional dynamic microphone. This unit features die cast construction with a 14 inch flexible "gooseneck", a sturdy mounting flange and a "squeezeto-talk" bar.

The microphone circuit is normally open when not in use and will match the low impedance microphone input of any Raymer amplifier or receiver. Also included is a control pair which is normally open when not activated. The control pair can be used to activate a relay or the music mute circuit of any Raymer amplifier or receiver.

CONNECTIONS: The cable on the 204 has the following color code:

Green & White -- 150 ohm microphone

Black & Red -- control circuit

Shield -- ground

When wiring to a balanced input connector, the shield should be connected to Pin #1, green to Pin #2 and white to Pin #3. The red and black wires should be connected to the 'Music Mute' terminals of the amplifier. They SHOULD NOT be wired in the same connector with the audio pair. If not used, these leads should be connected to ground.

When an audio cable is used to extend the microphone wiring, it must have two conductors INSIDE of a shield and two conductors OUTSIDE of the shield. The green and white pair are inside the shield and the red and black pair wired outside of the shield. Shield goes to shield. Any unused wires inside of the shield must be grounded.

When used with an unbalanced input, the cable wiring must remain the same as previously described. The only difference will be the wiring to the amplifier input connector. For unbalanced operation the shield and white wire go to the ground terminal, the green wire goes to the "hot" terminal. The white wire and the shield should not be connected anywhere else in the cable wiring.

GUARANTEE: Each microphone is guaranteed to be free from electrical and mechanical defects for a period of one year from date of shipment from the factory. If any microphone appears to be defective, return to the factory for repair. This guarantee is void if the microphone shows any sign of having been damaged or tampered with.

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