Pin-out for Shure bodypack transmitters and preamps - TA4M / TA4F

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QUESTION:

What is the pin-out for Shure bodypack transmitters?

ANSWER:

Product Model	Wiring
• Wireless bodypack transmitters - all models with TA4M connectors • MX1BP Battery/Phantom Preamplifier • RK183PK Microflex Preamplifier (see below for RF Resistant RK100PK preamp model) • RPM626 BETA Preamplifier	Pin 1: Shield Pin 2: Bias (+5Vdc) Pin 3: Audio Pin 4: Bias return - 20 k Ohm resistor to ground or equivalent active bias management circuit (jumpered to pin 3 when used with most condenser microphones)
• RK100PK Wired Preamplifier	Connector Body: Shield Pin 1: Unused Pin 2: Bias (+5Vdc) Pin 3: Audio Pin 4: Bias return - active bias management circuit (jumpered to pin 3 when used with most condenser microphones)



The pictorial shows the pin layout of a TA4F connector, as viewed from the wiring side. If you use a bright light and look at the female connector (TA4F) used for the cable, you will see numbers next to each hole.

Applications:

Condenser Microphones - Shure WH30, PG30, WL18x, WL50, WL51, WL93, etc.

- Connect audio lead (black) to pins 3 and 4
- Connect bias lead (red) to pin 2
- Connect shield to pin 1 and connector body (use cable clamp insert piece as the connector body terminal)

Answer ID 7

FileAttachments

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