

D&R Hybrid-2 – advanced telephone hybrid for broadcast excellence

Upgrade your broadcast capabilities with the D&R Hybrid-2, an advanced active telephone hybrid that seamlessly integrates professional audio equipment with the public telephone network. Designed for radio stations, podcasts, and live events, the Hybrid-2 ensures clear and reliable two-way communication, enhancing your on-air interactions.

Key features

Active Balanced Interfacing: Ensures stable and high-quality audio signal transmission, providing professional-grade performance.

Variable High and Low Cut Filters: Allows precise control over audio frequency ranges, eliminating unwanted noise and optimizing sound clarity.

Superb Audio Separation: Delivers exceptional clarity by maintaining distinct incoming and outgoing audio signals, with over 30dB separation.

Externally Adjustable R and C Balance: Facilitates easy fine-tuning of receive and send audio levels, optimizing side-tone attenuation.

Remote Controllable: Offers convenient operation from a distance, enhancing user flexibility.

GPIO Interfacing with Mixing Consoles: Enables seamless integration with modern mixing consoles, streamlining your broadcast setup.

Auto Ducking: Automatically reduces the incoming signal while talking to callers, enhancing speech intelligibility during broadcasts.

Technical specifications

Inputs: Balanced line-level input via 3-pin female XLR connector.

Outputs: Balanced mic-level output via 3-pin male XLR connector.

Telephone Line Connection: RJ-12 connector for connecting to the public telephone network.

Handset Connection: RJ-12 connector for connecting to a telephone handset.

Power Supply: Removable IEC power cord with an internal switched power supply accepting voltages between 90V - 245V.

Controls

RING: Line connect switch to connect and disconnect calls from the telephone line.

LC: Variable Low Cut filter to eliminate unwanted low-frequency noise.

HC: Variable High Cut filter to filter out unwanted high-frequency noise.

Ducking: Indicates when the caller's signal is reduced.

Receive: Level control for incoming signal from the caller.

Send: Level control for outgoing signal to the caller.

Why choose the D&R Hybrid-2?

The D&R Hybrid-2 offers a comprehensive solution for integrating telephone calls into your broadcast setup. Its advanced features, including auto ducking, variable filters, and remote control capabilities, ensure optimal audio quality and seamless operation.

Whether you're conducting interviews, taking live calls, or enhancing listener engagement, the Hybrid-2 provides the reliability and performance you need.