RoadRunner™

Fast and easy remote audio – on the go!

An economical, compact portable ISDN codec/mixer that lets you send and receive mono audio over the highest quality phone lines available.

When „getting the audio" is your top priority, you need a simple, user-friendly codec that is reliable and flexible enough for the field – wherever that may be.

Now the company that invented codecs for broadcast and professional audio has a workhorse that gets the job done and still provides all the time and work-saving features industry professionals have come to expect from a well-engineered product.

The **RoadRunner** is an economical and compact codec that provides full frequency – up to 20 kHz – mono audio over an ISDN line. It comes complete with mic and line level mixing inputs so you can mix „on the fly." **RoadRunner** is fully bi-directional with a built-in terminal adapter and provides the highest quality digital audio at bit rates of 56, 64, 112 and 128 kb/s.

RoadRunner is compatible with all G.722, CCS, Layer II and Layer III codecs.
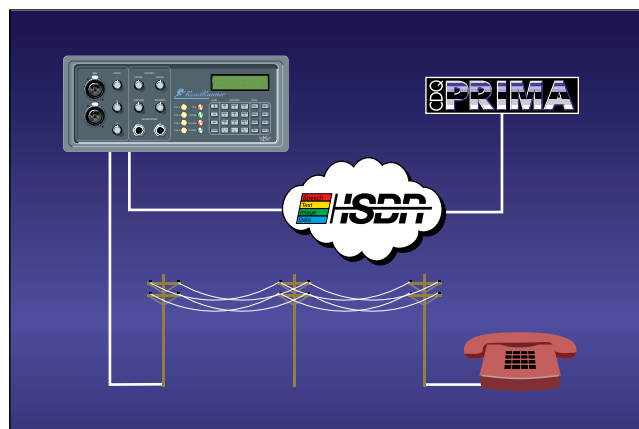
No ISDN available? No problem!

RoadRunner sends mixed analog audio through a regular analog phone line, too. The result is voice-grade analog ideal for breaking news. With **RoadRunner**, you'll never have to worry about getting the audio where it needs to go, when it needs to be there.

RoadRunner draws on our decade of experience in creating digital audio codecs on which professionals rely. Extremely rugged and completely portable, **RoadRunner** performs like a more elaborate, top quality codec but is available at a cost to fit even the leanest budget.

RoadRunner Features:

- Automatically adjusts to incoming algorithm and bit rates
- Supports CCS – enhanced, IRT-compatible Layer II at 56, 64, 112 and 128 kb/s
- Supports Layer III at 56, 64, 112 and 128 kb/s
- Supports G.722 at 56 and 64 kb/s for 7.5 kHz at 56 and 64 kb/s
- Up to 20 kHz, high quality mono audio over ISDN
- G.711 for standard analog mono audio over a single analog phone line, no decoder needed
- Room for new algorithms for future expansion
- Factory software upgrades can be downloaded directly over the ISDN line
- Balanced & unbalanced Line Level outputs for Received audio
- Unbalanced Line Level output for Send audio, for local PA and recording feeds

Get RoadRunner – and Get The Audio There.

Convenient Front Panel Controls:

- Two mic/line inputs with additional mic/line switchable input
- Two headphone jacks with separate local/return level controls for each
- Simple menu, user-friendly dial and programming keypad
- 256 speed dial addresses
- Four relay contact closure buttons to activate far end relays – works over ISDN or regular analog phone lines
- Built-in automatic functions and remote control

Preliminary Technical Specifications

Mode	Mono, full duplex, bi-directional, with equal audio quality in both directions
Algorithms	CCS, ISO/MPEG Layer II, ISO/MPEG Layer III, G.722 and G.711
ISDN Bit Rates	56, 64, 112 and 128 kb/s
Audio Performance over ISDN	20 Hz to 15 kHz on one ISDN „B" channel 20 Hz to 20 kHz on two ISDN „B" channels 92 dB Dynamic Range, 0.01 percent THD+N (algorithm dependent)
Analog Operation	Via standard analog telephone lines
Speed Dial System	256 Speed Dial addresses, each with full configuration presets
Inputs	Mic 1, Mic 2, Mic/Line
Headphone Outputs	Two independent headphone outputs, each with Send and Receive level controls
Audio Outputs	Balanced Receive Audio output, 0 dBu nominal Unbalanced Receive Audio output Unbalanced Send Audio output
Relay Contacts & Signaling	Four (4) opto-isolated inputs and four (4) dry, floating relay or TTL outputs for control of external equipment
AC Mains Power	90 to 250 VAC, 47 to 65 Hz
Auxiliary DC Power	12 VDC, 3.5 A
Dimensions:	4.5" H x 11" W x 13" D (11.4 x 27.9 x 33 cm)
Net Weight:	9.4 pounds (4.3 kg)
Shipping Weight:	12 pounds (5.4 kg)

Specifications are subject to change without notice