

Eventide[®]
the next step



DIR911

Digital Instant Recall Recorder

Eventide - the company that invented the digital-tape audio logger - turned its attention to instant recall devices. We found that most available units were pretty much alike, and they all had one glaring omission. Operators most often turn to their instant recall unit when the incoming telephone call or radio transmission is difficult to understand, often because the caller is speaking too fast or the audio sounds garbled. But most available instant recall units can only play back calls "as is." The operator can hear it again, but can't hear it more clearly.

Intelli-Clear™ SPEED CONTROL

Now Eventide, drawing on its expertise as one of the world's leading suppliers of audio processors to the professional recording and broadcast fields, has changed all that with Intelli-Clear speed control. This feature lets the operator slow down the playback (or speed it up) without changing the pitch or degrading the sound quality. This breakthrough - made possible by advanced DSP (digital signal processing) circuitry - is nothing like variable speed controls you may have heard in the past. The degraded audio quality of other variable speed controls often make audio harder to understand. But with Intelli-Clear, slowing down the replay actually increases intelligibility. Operators can frequently understand speech that had sounded hopelessly garbled.

KEY FEATURES

- SIMULTANEOUS RECORD AND PLAYBACK OF TELEPHONE AND RADIO MESSAGES
- INTELLI-CLEAR SPEED CONTROL SLOWS DOWN OR SPEEDS UP MESSAGES WITH DSP PITCH CORRECTION
- REWIND AND FAST FORWARD BUTTONS JOG 1.25 SECONDS WITH EACH PRESS
- LARGE BACK-LIT 4 LINE X 40 CHARACTER FULL-FUNCTION LCD DISPLAY
- RECORDS AND DISPLAYS DURING PLAYBACK ANI AND CLID DATA
- RECORDS AND DISPLAYS DURING PLAYBACK ALI-CAPTURED PHONE NUMBER
- RECORDS AND PLAYS TO EXTERNAL DISPLAY ALL ALI DATA
- CAPTURES AND RECORDS INCOMING AND OUTGOING DTMF
- PASSWORD SECURITY PROTECTS SYSTEM SETUP FUNCTIONS
- REAL TIME/DATE TAG WITH EACH MESSAGE
- SAVE MULTIPLE MESSAGES FROM ERASURE
- RECORD ACTIVATION FROM VOX, ON/OFF-HOOK OR EXTERNAL SWITCH CLOSURE
- ONE OR TWO RECORD INPUTS
- FCC-APPROVED TELEPHONE INTERFACE WITH SELECTABLE BEEP TONE
- INTERNAL 2 WATT SPEAKER PLUS HEADSET, RE-RECORD, AND MONITOR OUT JACKS
- RS485/RS232 REMOTE CONTROL I/O
- RS485/RS232 ALI SERIAL DATA I/O
- EXTERNAL TIME SYNC FROM RS485
- STANDARD 64 MINUTE (OPTIONAL 128 MIN.) DIGITAL RAM STORAGE AT 32KBPS
- OPTIONAL 40 MINUTE INTERNAL UPS
- AVAILABLE IN SINGLE OR DUAL 19" RACK MOUNT OR DESKTOP MODELS

To make Intelli-Clear even more useful, Eventide engineers rethought the conventional rewind/fast forward controls found on other recall devices. They're useful on a tape recorder, but on a recall unit, conventional rewind/fast forward buttons usually overshoot the desired segment within a message. This results in the operator having to "hunt and peck" awkwardly until the right segment is found. The Eventide DIR911's rewind and fast forward buttons work differently. Each touch advances or backs-up the message by 1.25 seconds. Tap the rewind button four times, and you jog back five seconds. Simple, precise, and easy to use - ideal for high-pressure public safety operations.

LARGE DISPLAY

The DIR911's back-lit 4 line x 40 character LCD screen, much larger than those on other recall units, is easier to read and shows a wider range of information. All ANI (Automatic Number Identification), CLID (Calling Party Identification) data and, uniquely, the phone number captured from ALI (Automatic Location Identification) data are displayed. Full ALI data will be shown on a connected external display. For operating ease, the bottom line of the LCD dynamically labels four "soft key" buttons with the proper designations for each operating mode.

DIR911 Specifications



FULLY FEATURED

Eventide has equipped the DIR911 with a full 64 minutes of digital RAM storage at the preferred 32kb/sec. digital sampling rate. An additional 64 minutes is available optionally. The Eventide DIR911 also provides password security that protects the system set-up parameters from being accidentally changed or erased. The DIR911 is available as a single or dual unit to fit a standard 5.25" x 19" rack mount. A desktop model is also available.

The choice in instant recall units for public safety applications has now been made clear. The DIR911 with Intelli-Clear speed control is in a class by itself.

PERFORMANCE

Operation

Simultaneous record and playback

Record Channels/Input

Digital PCM at 32Kbps

Frequency Response

200 to 3400 Hz

Signal to Noise Ratio

Greater than -45dB

Distortion

Less than 3% THD

Audio Input

-35dB to +5dB with AGC

Input Impedance

10 K Ω balanced, DC blocked

Audio Output

2 Watts into internal loudspeaker with volume control

ALI Input

RS485/RS232 I/O port - bit serial data at ALI standard baud rates

Telephone Interface

Internal FCC-approved coupler with selectable beep

Record Activation

VOX, On/Off hook, External Closure

System Setup

Through software from the front panel

Remote Control

RS485/RS232 I/O port

ALI Serial Data Playback

RS485/RS232 I/O port

ANI & CLID

RS485/RS232 I/O Port

DIGITAL STORAGE

Memory Type

Dynamic RAM

Recording Time

64 or 128 minutes

OPERATOR INTERFACE

Back-lit LCD Display

4 Lines x 40 Characters

Soft Function Keys

4 Variable Function Keys

Fixed Function Keys

Save and Recall

Speed Control

Slower/Faster Wheel

Volume Control

Knob

Headset Jack

1/4" Plug

Re-Record and Monitor Jacks

Mini Plugs

SELF DIAGNOSTICS

Bootup system test and continuous system monitoring

SECURITY

Password Protected

OPERATOR VISUAL DISPLAYS

Current Time/Date

Message playing time/date

ANI or CLID Number

Message playing and recording number

Soft key functions

Current DIR911 mode of operation

Current message length

Message saved indication

Playback speed as % of recorded

Total number of messages saved

Total number of messages recorded

MESSAGE PROCESSING

Recall last message

Restore to newest message

Fast Jog Forward

Fast Jog Rewind

Pause Playing

Save and Un-Save message

Playback speed faster/slower

PHYSICAL

DIR911 Alone

5.25" x 8.5" x 9"

(13.12cm x 21.25cm x 22.5cm)

Single or Dual Console Mount

5.25"x19"x9"(13.12cm x 47.5cm x 22.5cm)

Desktop Model

4.25" x 8.5" x 9"

(10.62cm x 21.5cm x 22.5cm)

WEIGHT

DIR911

3lbs, 13 oz (excluding mount) (1.7kg)

Power Supply

1 lb., 11 oz (.88kg)

TIME CODE

Resolution

1 Second

Accuracy

2 Seconds per day

External Sync

RS485 Standard Format 0, 1 or 2

POWER

12 VDC/18 Watts, External

115V or 230V AC power supply included

OPERATING TEMPERATURE

0°C to 60°C

STORAGE TEMPERATURE

-30°C to 60°C

HUMIDITY

95% NC

INTERNAL UPS

Optional 40 Minutes