

SIMULCAST EQUIPMENT

MODEL

DESCRIPTION

SIMULCAST EQUIPMENT for LAND MOBILE RADIO SYSTEMS
Manual and **Automatic** Audio Delay Lines for **Simulcast** Networks

VDL-RS



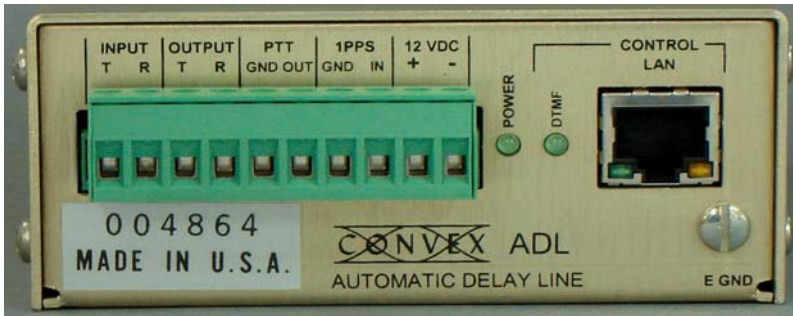
VARIABLE DELAY LINE, 1 Channel
Control via RS-232 or Touch-Tones

Manual Operation / 1 uSec. Steps
 Delay Range: 300 to 2,000,000 uSec.

Deployed at central hub, or
 remote base station sites

Power: 12, 24, or 48 VDC

ADL



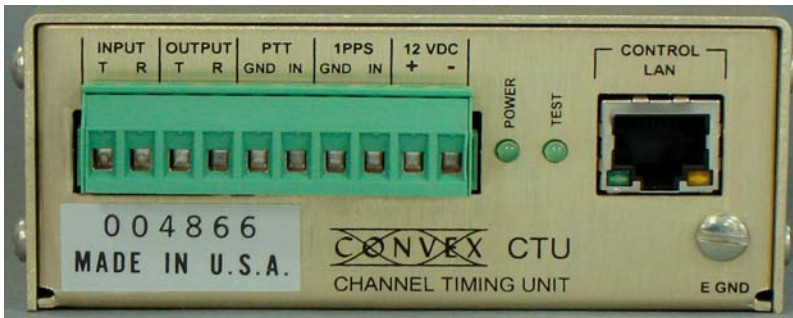
AUTOMATIC DELAY LINE, 1 Channel
Control via LAN or Touch-Tones

Automatic Operation, 1 uSec. Steps
 Delay Range: 300 to 700,000 uSec.

Deployed at **base station sites**
 Automatic: **Delay, Amplitude, and Polarity**

Power: 12, 24, or 48 VDC

CTU



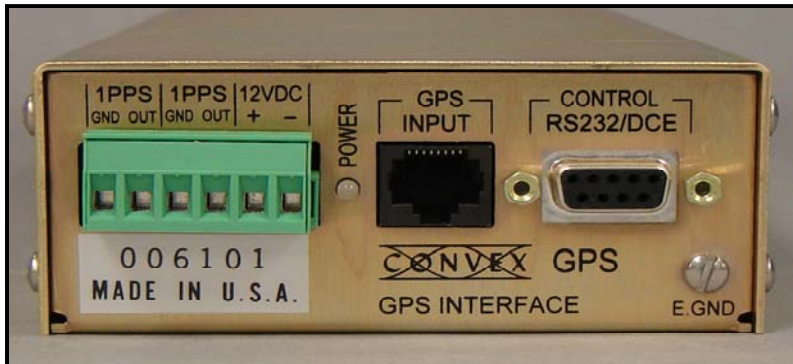
CENTRAL TIMING UNIT, Control via LAN
1 per Radio Channel required for ADLs

Sends Measurement Test Signal to ADLs
 when radio channel is IDLE

Deployed at **central hub**
 "Busy" detect via DC or Tones

Power: 12, 24, or 48 VDC

GPS



GPS INTERFACE UNIT

1 PPS source for sites where
 master oscillator is not required.

Connects to GARMIN Model GPS 16x-HVS

Or has TEST Mode for bench testing.

Power: 12, 24, or 48 VDC