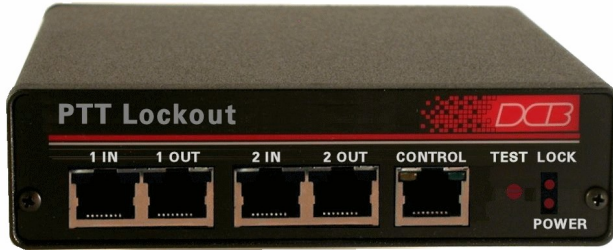




## PTT-2 Push-To-Talk Lockout Device



Front View



Rear View

### DESCRIPTION

The PTT-2 is a Push-to-Talk lockout device. It is used with multiple E&M circuits linked to radios. The PTT-2 solves the problem of radio transmitters being locked into a Transmit ON state when a T1 circuit fails. Many T1 trunk lines will go into a busy condition when the T1 trunk fails. This causes the E&M leads to lock in an ON state, which causes radio transmitters to lock in the ON state.

The PTT-2 uses one control E&M circuit for 2 or more active E&M channels that are connected to radios, where the radios use the E&M to key the radio transmitters. The PTT-2 control E&M channel monitors its E&M leads. The control channel is not used for analog traffic, only for the purpose of E&M signal monitoring. If the control channel circuit goes into a mode where the E&M leads turn on, the PTT-2 assumes the T1 has failed. The PTT-2 then de-asserts the E&M leads of the operational channels 1 and 2.

The PTT-2 units can be daisy chained. This allows a single control port to serve 2, 4, 6, 8, etc. radio E&M audio channels.

### FEATURES

- Use to de-key radios on Busy/Idle T1 trunks
- Industrial temperature rated -40 to +70 C
- Supports Tie Line Types I, II, IV and V
- One control port unlocks 1 or 2 user ports when E&M is used to key radios and units can be daisy chained, using a single control port for all units
- Industrial temperature rated -40 to +70 C
- 1U high, can be rack shelf mounted
- Compact size
- DIN rail clip option

### SPECIFICATIONS

#### General

The PTT-2 uses one control port to serve 2 or more radio audio channels. The PTT-2 will de-key latched E&M leads in the event of a T1 line failure:

- One RJ45 E&M control port
- Two RJ45 E&M user ports
- IN Dry contact connection on the back panel allows for remote activation of the lockout or allows units to be daisy chained together
- OUT Dry contact connection on the back panel can be used for daisy chaining or to allow remote alarm triggering when a lockout is active
- Selector switch on the back panel allows adjusting for E&M tie line types 1,2,4 & 5
- LED Indicators on the front panel show power and if lockout is active
- Test push button on the front panel allows the lockout to be triggered while the button is depressed.

#### Physical/Electrical

- Standalone, DIN mounting, or rack shelf mounting
- Power requirements: 48 VDC, ~4 watts
- 48 VDC supply is a user order option
- 12 or 24 VDC power option
- AC wall mount to 9 VDC input supply option
- 4 ¼" x 5 ½" x 1 ¾"
- One pound

#### Environmental

- Operational Temperature: -40 to +70 C
- Storage Temperature: -50 to +75 C
- Humidity: <95% Non-condensing



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