



your NTDS specialist

SABTECH INDUSTRIES

Parallel NTDS Repeater

The Sabtech Parallel NTDS Repeater is an ideal solution for electrical interfacing MIL-STD 1397C where signal conditioning and amplification are required for driving/receiving NTDS signals upon long cables. The unit exhibits high input impedance characteristics (with appropriate AC termination) to the I/O channel while acting as a voltage follower to drive NTDS cables over long distances that are greater than NTDS specifications. Control of the unit is by a single manual switch selection for NTDS types A, B or C/H.; complete automatic operation is assured.

ILLUSTRATION SHOWING REAR PANEL ASSEMBLY/CONTROLS AND NTDS INTERFACE I/O ADAPTERS (ONE SIDE)



Parallel NTDS Repeater

Specifications

Form Factor:

- Height: 4.8”, Width: 12”, Depth: 9”

Weight:

- 10 lbs.

Relative Humidity:

- 5% - 90% (non-condensing)

Operating Temperature:

- 0 - 55 degrees Centigrade

NTDS Connectors:

- Parallel, M81511 (P1/P2)
- Parallel, M28840 (P1/P2)
- Parallel, D38999 (PN/PA)

Propagation Delay:

- ~200 nano-seconds

Controls:

- Manual switch selection for Parallel NTDS type selector: type A, B or C/H

Indicators:

- Red LED indicators for NTDS control signals –

Input Channel:

- EIE, EIR, IDA and IDR

Output Channel:

- EFA, EFR, ODA and ODR

Power Requirements:

- 120VAC 2A

Ordering Information

Product / Description	Part Number
Parallel, NTDS Type ABCH, M81511, 85 pin	AN – RE511-00
Parallel, NTDS Type ABCH, M28840, 92 pin	AN – RE840-00
Parallel, NTDS Type ABCH, M38999, 79 pin	AN – RE999-00

Custom configurations available upon request. Contact factory at 714-692-3800 for more information.