



INSTALLATION

READ THESE INSTRUCTIONS BEFORE YOU BEGIN INSTALLATION.

Ground yourself before touching board. Some components are static sensitive.

MOUNTING:

Circuit board may be mounted in any position. If circuit board slides out of snap track, a nonconductive "stop" may be required. Use only fingers to remove board from snap track. Slide out of snap track or push against side of snap track and lift that side of the circuit board to remove. Do not flex board. Use no tools.

SIGNAL CONNECTIONS

The LONDUP repeater can be added to effectively double the system capability in the event that the limits of the number of LonWorks™ nodes or total wire distance are exceeded. LONDUP is designed for use with FTT-10, FTT-10A and LPT-10 network components. With power disconnected from the LONDUP, connect the incoming LonWorks™ Network twisted pair to the center "Net" terminals and the outgoing twisted pair to the "Net" terminals on the right side of the terminal block. Net connections are not polarity sensitive (terminals are marked A and B for reference purposes only).

POWER CONNECTIONS

Connect isolated source of 24 VAC or 24 VDC power to LONDUP power terminals. Observe polarity if using DC power.

INSTALLATION AND CHECKOUT

Apply power. The LED should illuminate to indicate that the circuit is receiving power.

Monitor the network to ensure that signals are being passed through the LONDUP. This may be accomplished by sending a "wink" command across the network.

Power Supply:	24 VAC or VDC +/- 10%	Maximum Node to Node distance:
Communication Speed:	78 kb/second	Free Topology - 500m (1640')
Communications Type:	Differential Manchester Coding	Doubly-Terminated Topology - 2700m (8850')