



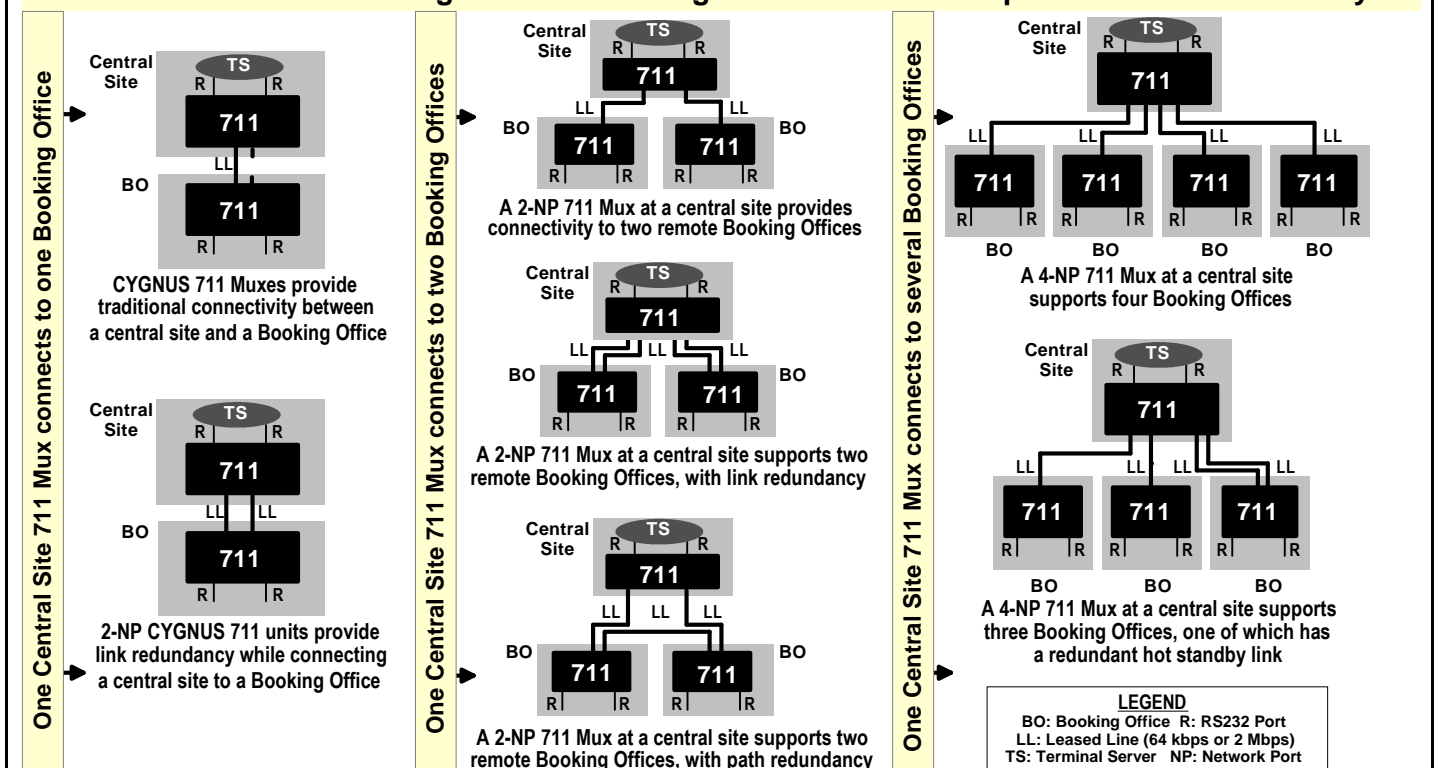
# CYGNUS 711

## Next Generation Multiplexer

### FEATURES

- Allows RS232 ports to be extended from an upstream site to remote locations using one or more leased lines.
- Automatically corrects any errors in user port data caused during transmission on the leased line.
- Several cost-effective topologies possible. A single CYGNUS 711 unit at the upstream site can be shared by several remote sites. Topologies providing alternate paths can be configured, to provide continued connectivity to remote sites even if a leased line fails.
- Ordering time option for 4, 8 or 16 RS232 Terminal Ports (for connecting user devices), and 2 or 4 V.35 Network Ports (for connecting to leased lines via external modems).
- RS232 port speed from 1.2 kbps to 115.2 kbps. Leased line speed from 64 kbps to 2 Mbps.
- Very robust RS232 ports with built-in 1500 V AC isolation, which reduces the chances of RS232 port failure even at sites with poor quality power supply, poor earthing, or high levels of electrical noise and surges.
- Easy set up and installation. Standard topologies can be set just by setting DIP switches. Extensive set of status indicators., including Activity indicators for each Terminal Port and each Network Port.
- Ideal for replacing older Multiplexers in Railway's PRS/UTS network, and for extending Terminal Server ports from upstream sites to new booking offices for connecting Dumb Terminals there.

### CYGNUS 711 ushers in a generational change for Statistical Multiplexer-based connectivity



### SPECIFICATIONS

#### Terminal Ports (TPs)

No. of ports 4, 8 or 16 (ordering time option)  
 Compliance Asynchronous RS232 with Tx, Rx, Ground; 1500 V AC isolation on each port; Speed 1.2 kbps to 115.2 kbps  
 Connector RJ 45 socket

#### Console Port

Character format 9600 bps, 8 bits, no parity  
 Compliance Asynchronous RS232  
 Connector RJ 45 socket

#### Network Ports (NPs)

No. of ports 2 or 4 (ordering time option)  
 Compliance Synchronous V.35; Speed 64 kbps-2 Mbps  
 Connector 25-pin D type Male; Modem cable supplied for each NP

#### Indicators

For each NP/TP Transmit/Receive, Link (NPs only), CD (NPs only)  
 Others Power, Default

#### Management and Control of the Unit

Methods By switches, and by supervisory commands  
 Supervisory access Menu based function accessible locally or remotely

#### General

Power 230 VAC nominal  
 Oper. environment 0-50 deg C, 5-95% RH (non condensing)

#### Ordering Code: CYGNUS 711/A/B

"A": Specify "4TP", "8TP" or "16TP" for 4/8/16 RS 232 Ports

"B": Specify "2NP" or "4 NP" for 2/4 Network Ports

Note: (1) 4 Network Port version is available only with 8 or 16 TPs.

(2) Specifications are subject to change without notice

Ref: 140729



## CYGNUS MICROSYSTEMS (P) LIMITED

93, IDA Phase II, Cherlapally, Hyderabad 500 051, India

Tel: +91 (40) 2726 1326 Fax: +91 (40) 2726 1167

URL: www.cygnusmicro.com e-mail: mktg@cygnusmicro.com



ISO 9001:2008  
Registered