

TN5

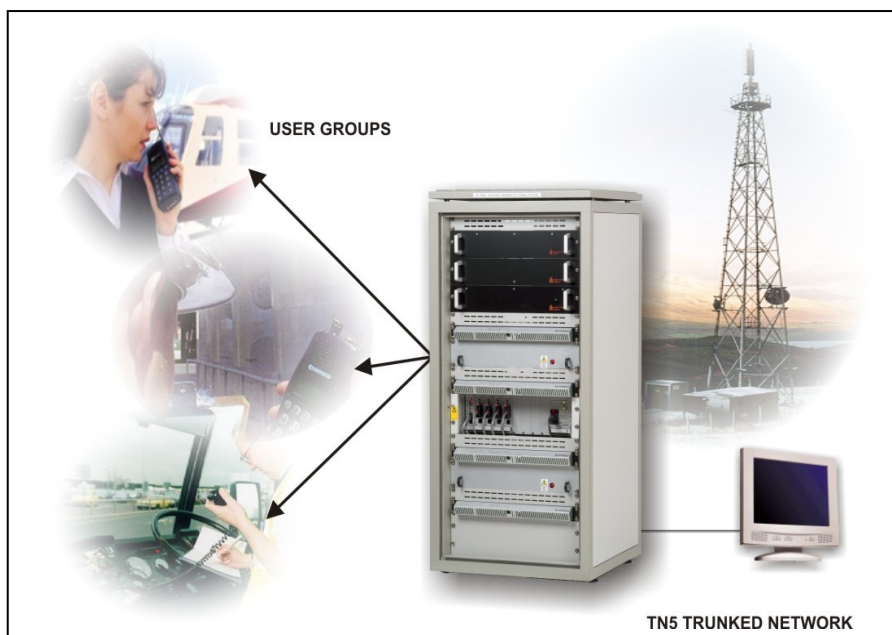
Single Site Trunked Network

The TN5 System enables various groups of users to communicate, schedule, organise and plan the workflow of operatives in a defined area using an automatic trunked system.

The TN5 is a cost-effective, single site, multi-channel MPT1327/1343 system. It consists of a 3U control shelf together with base stations, antenna combining units, Optional Network Management Terminal (NMT) and radio subscriber units providing a total communications solution for a wide range of users.

The system utilises the new 1U, highly cost-effective TSF2000 series base stations. Optimum system performance is delivered by allowing the control channels to work in dedicated or non-dedicated modes, dependent upon your individual business requirements.

An integrated telephone-radio interconnect unit allows telephone interconnection via DTMF overdialling to be offered as an alternative to a full audio switch.



- MPT1327/1343 system operation
- Automatic call establishment
- Blacklist/Whitelist subscriber control
- Group or one-to-one speech calls
- Short data and status messaging
- Modular channel expansion (option)
- Multi-level call queuing and pre-emption
- Fallback mode safeguard
- Optional local or remote management terminal



Technical Data

CAPACITY

10,000 Subscriber Database
Up to 8 channels expandable to 10 for certain configurations

SIGNALLING SYSTEM

FFSK at 1200 baud to MPT1327

SUBSCRIBER TERMINALS

Hand portables SRP9120/9130
Mobiles SRM9000 Series

BASE STATIONS

TSF2000 SERIES BASE STATION

TSF2025	VHF	25W
	UHF	25W
TSF2100	VHF	UPTO 100W*
	UHF	UPTO 100W*

** Dependent upon environmental conditions.*

TSF2000 AVAILABLE BANDS

Band	MHz
E0	68 – 88
AC	136 – 174
K1	174 – 208
KM	208 - 245
TN	420 – 440
R1	335 - 375
TK	400 - 450
UW	440 - 500
WR	470 - 530

NETWORK MANAGEMENT TERMINAL (NMT)

Minimum Requirement
IBM PC 486, 33MHz,
4MB RAM 350MB HDD,
3.5" FDD, 1 Serial Port (RS232)

COMBINERS

Hybrid 2 – 6 channels
Cavity 2 – 10 channels

DIMENSIONS

19" (483mm) rack mount

TEMPERATURE RANGE

0° C to +45° C
Humidity 95% non-condensing

POWER SUPPLY

Input AC: 115V ±15%
230V ±15%
Input DC 24V +20% -10%
(26.4V nominal)

TELEPHONE INTERFACE

2-Wire PSTN/PABX

TYPE APPROVAL

Conforms with European Standards
ETS 300 086 Radio
ETS 300 113 Data Signalling
ETS 300 279 EMC
Telecoms TBR21

Note: Typical figures based on normal operating conditions. Not all combinations of frequency bands and options are available for every market area.

For additional information on this or any other Simoco product, visit our web site at:
www.teamsimoco.com

Due to our policy of continuous improvement of our products and services, technical specifications and claims, correct at the time of going to print, may be subject to variation without prior notice. Team Simoco has endeavoured to ensure that the information in this document is correct and fairly stated, but does not accept liability for any error or omission.

Team Simoco

Field House

Uttoxeter Old Road

Derby

Tel: +(44) 01332 37551

DE1 1NH

Fax: +(44) 01332 37561



Certificate number ...3358/02.....