

TC-2000T TELEPHONE SWITCH

DS-316 Issue 01



Thank you for your interest in Zitel - we are a UK based manufacturer of PAGA and Intercom products. Our systems are mainly designed for use in the Marine, Military, Hazardous Oil, Gas and Petrochemical industries.

The Zitel TC-2000T is a versatile automatic telephone switch utilizing microprocessor stored program technology to deliver feature rich communications in a modern plant application. The TC-2000T is part of a range of telephone PABX units that include subscriber assignment from 6 up to 240 and external tie lines from 2 to 16.

ZITTEL PABX TC-2000T

19 inch rack mount practice – Suitable for industrial applications

Expandable modular build – System can grow to accommodate site additions

Microprocessor controlled – Feature rich, flexible operation

The Zitel TC-2000T PABX is a 19 inch rack mount frame designed to accept plug in Euro style cards enabling ultimate capacity of 240 subscribers and up to 16 trunk / tie lines. The modular nature of TC-2000T enables the PABX boundaries to be expanded by plug in cards.

Extension card (EC) can manage up to 16 x subscribers, up to 15 x EC cards can be installed.

Central office card (CO) assigns 8 x trunk lines, up to 2 x CO cards can be installed.

The unit comprises of a rugged sheet steel frame which houses motherboard and associated plug in module edge connectors. The TC-2000T is specified for Marine or heavy industrial applications where reliability and low through life service costs are a critical factor.

The TC-2000T enables operation with standard low cost telephone instruments and allows field cable line lengths in excess of 1000 metres without recourse to additional hardware. The unit can be supplied with a no break supply (autonomy to client specification) to maintain service in event of primary AC main supply failure.



ZITTEL LIMITED

email: sales@zitel.com web: www.zitel.com tel: +44 (0) 115 9202888
mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Zitel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Zitel Ltd. Zitel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.

Technical Specification

Supply	AC mains supply input 90 to 254 VAC 50 / 60Hz
Consumption fully loaded	500VA
Heat emission fully loaded	30 Watts
Location	Internal safe area
Termination	RJ11 patch receptacles to the rear of the unit
Temperature Range	-20 °C to + 70 °C
Storage Temperature	-10 °C to + 70 °C
Finish	Corrosion resistant sheet steel with high grade paint finish
Dimensions	482 mm 19 inch rack mount, 410 mm deep, 267 mm high 6 U
Weight fully loaded	10Kg

Main Functions:

- 1) Single line telephone (SLT) compatible
- 2) Call management software
- 3) Caller ID transferred
- 4) Auto Fax detection
- 5) Least cost routing
- 6) Personal account capability
- 7) Call on hold
- 8) IP code access automatically
- 9) Outgoing call class
- 10) Outside (CO) Line Duration Time Limit
- 11) Various Outside (CO) line access mode
- 12) Speed dialing
- 13) Outside caller call extension by one touch
- 14) Executive busy override
- 15) Hot line (call operator by off-hook only)
- 16) Extension password
- 17) Busy transferred
- 18) Unconditional Transfer
- 19) Call Transferred to Secretary
- 20) Do Not Disturb / (DND)
- 21) Day / Night Service
- 22) Operator attendant
- 23) Auto attendant
- 24) Extension ring by turns
- 25) Party Conference (between 2 Extensions and 1 Trunk)
- 26) Party Conference (among 3 Extensions)
- 27) One touch call operator
- 28) Ring back on busy (When extensions becomes free)
- 29) Call picked up by non-ring extension
- 30) External music on hold socket
- 31) Monitor voice record
- 32) Remote program
- 33) Extension number assignable
- 34) Eight ringing extensions assignable
- 35) Paging
- 36) Twin route 3 section OGM (DISA)
- 37) Self -extension number confirmation
- 38) Pulse and tone mode setting
- 39) Polarity Reverse Detection (for billing)
- 40) Power failure (some C.O and extensions on duty, for AC)

ZIZTEL LIMITED

email: sales@ziztel.com web: www.ziztel.com tel: +44 (0) 115 9202888
 mail: 96 Rolleston Drive, Arnold, Nottingham, NG5 7JP United Kingdom

All text, drawings and photography contained within this data sheet are the property of Ziztel Ltd and are subject to copyright. Information may neither be transmitted or copied to third parties without the express written consent of Ziztel Ltd. Ziztel Ltd have a policy of continuous product improvement and contents here in are liable to change without notice.