



LAN-Phone 42

The New Generation of LAN and Intranet Phone for Roads, Railways, Tunnels etc

The design goals pursued are based on our values of professionalism, transparency (fairness and open standards), design and pragmatism. The LAN-Phone 42 is both reliable and robust and thus suited for everyday use. The design, plus the ergonomic & graphical user interface are simple but sophisticated as they are to be seen and used everyday. The use of Linux enables a prompt reaction to market demands (i.e. changing standards or extensions), offers the ability to integrate to other systems easily, have a stable system with all the sources and all at no extra cost.

BRIEF SPECIFICATION

The LAN-Phone 42 has the following features:

Enclosure Material	Heavy duty plastic, approx.3mm thick	
Dimensions overall	270mm high, 220mm wide, 140mm deep	
Weight	Less than 2Kg approx. depending on options	
Temperature Range	-25 Deg.C to +60 Deg.C. min.	
Degree of Protection	IP66 (Typical)	
Relative Humidity	to 95% non-condensing	
Cable Entries	Tapped for M20 x 1.5 Glands	
Handset Body	Heavy duty plastic body sealed to a min of IP66	
" Cord	Polyurethane covered	
" wrench test	18Kg. max.	
Keys (Keypad)	16 keys	(LAN-Phone 42-16)
(Keypad)	12 keys (STANDARD)	(LAN-Phone 42-12)
(Hot Line / CB)	no keys required	(LAN-Phone 42-00)
(Auto Dial)	1 to 4 keys (refer to company)	(LAN-Phone 42-01 to 04)
LAN port	10/100 Mbit with autosensing	
CPU	MPC855T with MMU	
Memory	Typically 4 MB Flash and 16 MB SDRAM	
Operating System	Linux 2.4.3	
Codecs	G.711 (A-law and U-law), later G.729A	
Protocol Stacks	H.323, SIP and LPCP.	
Remote Access	UDP, TCP, LPCP, HTTP and later LDAP, TAPI and SNMP	
Miscellaneous	BOOTP, DHCP, DNS, NFS (for developers), NIS, NIS+, SNTP	

Power Source	Locally or Line Voltage from Exchange
Speech Levels	Generally Speech Levels as per ITU-T
Off-Hook loop	Electronic
Audible Caller	Piezo electric sounder. Note that this may not be fitted if the Beacon, Bell & Hooter option is chosen.
Safety	Conforms to most international specs. due to its non-metallic construction

Layout Diagram (LAN-Phone 42-16 shown. Others models have similar dimensions)

