

Acutron Electroacústica Lda.

COMMUNICATOR

Digital Audio Intercom System



Acutron[®]
digital audio

DESCRIPTION

The Communicator digital audio intercom system is a flexible point-to-multipoint intercom system, aimed for public information system use. It will typically allow a Central station to communicate with multiple sites which distance to the Central may range to thousands of kilometers. Its information-point attractive and ergonomic design will fit any environment. Together with the AudioCom software, any system size may be built to cope with any customer needs.

APPLICATIONS

- ❑ Airports
- ❑ Railways
- ❑ Bus terminals
- ❑ General information point systems

FEATURES

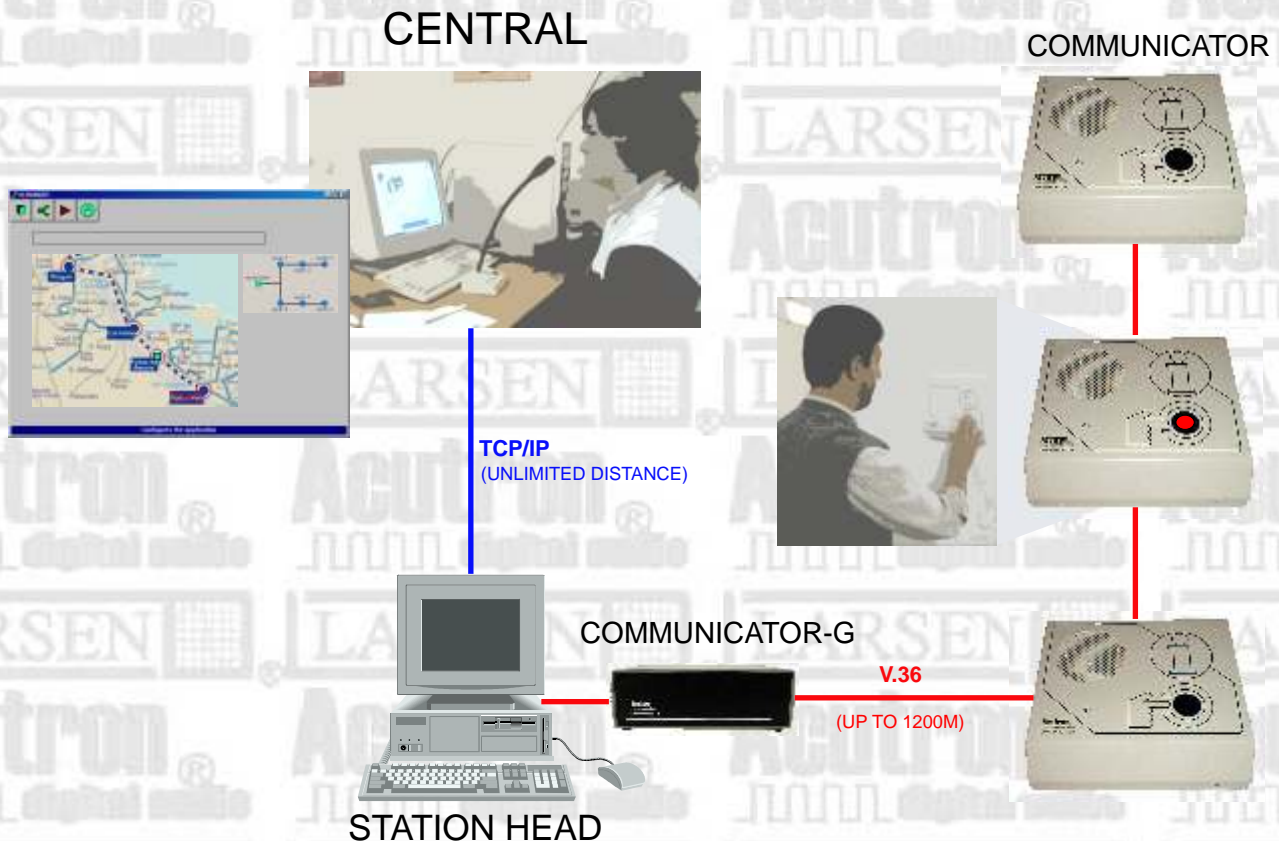
- ❑ Full-digital transmission using V.36 up to the gateway, TCP/IP on long-distance runs.
- ❑ Withstands very high external interference levels
- ❑ Allows up to 32 Communicators on each branch
- ❑ Unlimited number of branches can coexist on a large installation.

- ❑ No moving parts, optical finger detection, anti-vandal
- ❑ DSP-based, uses real, user-programmable speech messages to interface the user before conversation begins
- ❑ 7.5kHz bandwidth for very high speech quality
- ❑ Automatic signal limitation and background noise level compensation.
- ❑ Graphic interface program for Windows™ NT4/2000/XP system with automatic caller identification.

SPECIFICATIONS

Bandwidth	7.5kHz
Compression	4:1
Transmission rate	64kb/s
Finger detection	Optical
Programming interface	EIA-232
Recording capacity	15 second
Installation	Bus-type, 5-pair V.10 cable (4-pair if power supply is local)
Physical	230x230x50mm
Weight	1Kg
Power	12V@0.5A
Operating temperature	0-40°C

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