



TELEANNOUNCE

Telephone based Public Address System

The Sound Communicator

Industrial operations require sophisticated and robust communication tools that can ensure smooth business operations.

Futuristic, yet user friendly, Matrix TeleAnnounce is a robust telephone based Public Address System specially designed for commercial and industrial applications. Ideal for usage situations that demand paging voice messages to a large number of individuals, Matrix TeleAnnounce is the next step in mass voice messaging.

Allow Matrix TeleAnnounce to work for you and enjoy the power of convenience as well as sophistication!



■ The next step in public announcement

Introducing Matrix TeleAnnounce, the sophisticated telephone based public address system, which offers convenience of making announcement just by lifting your handset. It also offers a unique facility to make announcements and even control devices from anywhere in the world. The system can be connected to an extension of any PBX or even directly to a trunk line.

The system allows the option of Single and Multiple Amplifier mode, thus offering flexibility of the number of amplifiers to be connected. A new generation switching platform, it not just allows paging of voice messages to selective zones but also provides facility of controlling appliances from a remote and distant location.

The TeleAnnounce is built around a micro-controller based architecture and utilises state-of-the-art SMT (Surface Mount Technology). Thus resulting in high performance, better reliability and less power consumption.

Ideal for use in shop-floors, banks, airports, factories, hospitals, hotels and other public places, Matrix TeleAnnounce is the next step in mass voice messaging.

Multi-zone Voice Paging

Matrix TeleAnnounce can be used to page voice messages to individual/selective/all paging zones by just picking up any extension phone or directly calling a trunk line. This unique feature allows you to page messages even from your mobile phone. A total of 7 different paging zones can be defined that help in making different announcements in different zones.

It offers an option of secured password protected system that allows selective access. This allows only authorised persons to make announcement using the system.

Matrix TeleAnnounce can be used to play background music to each of the paging zones through a built-in background music port. Thereby removing the need of a separate system for piped music.

Control System

Matrix TeleAnnounce can be used to control seven different devices individually or selectively using the relay ports. A load of 80-100 W can be operated directly through these ports. To operate heavy-duty devices an additional contactor can be attached.

This feature offers a world of convenience in the day to day operations of an organisation. Its intelligent features include retaining the state of relay during power failure. In case of a power failure the TeleAnnounce remembers the last command given and on restoration of power can re-command the device to the same state as it was before the power failure.





Say YES to the better alternative than the conventional PA system

	Conventional PA system	Matrix TeleAnnounce
Easily accessible from any place in the premises	No	Yes
Can be accessed from any remote location in the world	No	Yes
Protection against unauthorised use (password protection)	No	Yes
Announcement in selective zones	No	Yes
Facility to control external devices through the system	No	Yes
Facility to play external music in selective zones	No	Yes

APPLICATIONS

Matrix TeleAnnounce has a wide range of applications. It could be of great use in numerous places like shop floors, banks, museums, factories, airports, theaters, hotels, hospitals, offices, railway stations, shopping and residential complexes, schools, places of worship, exhibition halls, shipyards, stadiums, etc. Here's a glimpse of a few of locations, where it can make a world of difference.

Shop-floor

Typically there is a lot of noise on the shop-floor with machines running all around. Telephones might not serve the purpose. Instead, using the TeleAnnounce, specified areas could be paged and announcement can be made.

Airport

At an airport, different messages are announced for passengers waiting in different areas viz. Check-in, Security Check, Arrival, Departure etc. Alternatively, in case of an emergency a message can be announced to all the passengers. As TeleAnnounce can be connected to an extension of PBX, it allows immense flexibility, since announcements can be made even from a cordless connected to a PBX extension.

Office

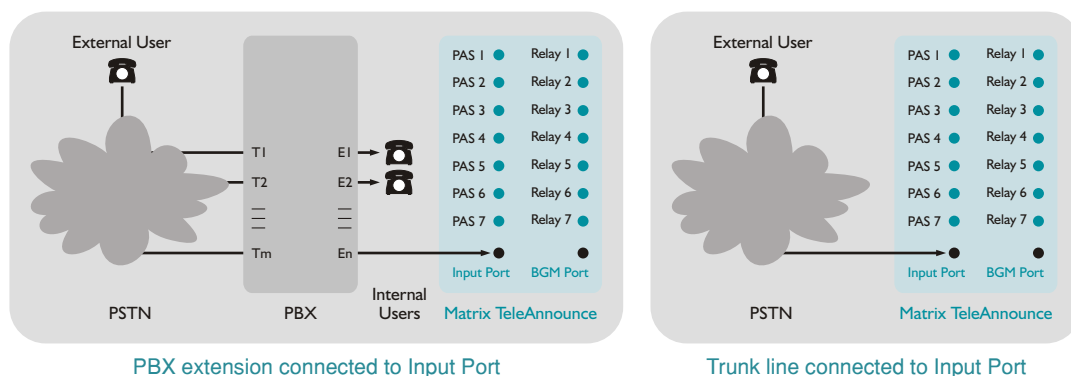
Many a times, the operator finds it difficult to locate a person for whom a call has come. The call can be transferred to the most probable station where the concerned person is expected to be. Using TeleAnnounce a message can be paged about the call so that the concerned person can take his/her call. Alternatively, TeleAnnounce can be used to page messages to various departments. It can be used to play soft background music in the office. The control applications of the TeleAnnounce could be used by the watchman at the gate to switch off the airconditioners, lights, etc., once the staff has left.

Residential Complex

TeleAnnounce can be used to control devices like water pump, gate lights, garden lights, etc. These devices are connected to relay ports of the TeleAnnounce and can be controlled from a remote location just by dialing a number.

Hospital

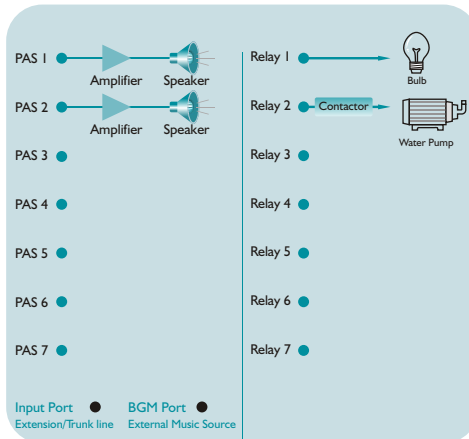
Often the doctors are on a round in the hospital. Contacting them on an urgent notice for an emergency, or for an incoming phone call is difficult. By paging a message through TeleAnnounce, they can be contacted immediately.



TECHNICAL SPECIFICATIONS

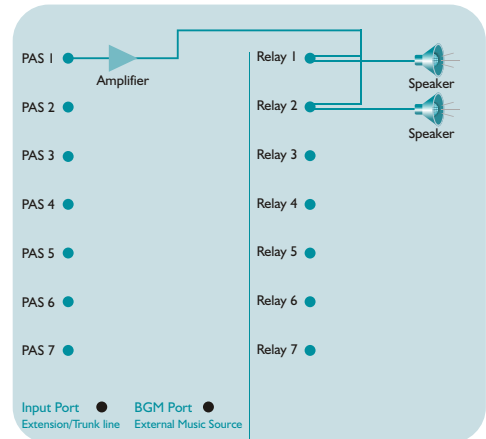
Input Port	1 (Telephone line-FXO type), from central office or PBX
BGM Input Port	1
PAS Output Port	7
Relay Ports	7
Power Supply	90-265V AC, 47-63Hz
Power Consumption	10W (Max.)
Dimension(wxhxd)	27x28x8cm (10.6x11.0x3.1inch)
Weight	1.5kg (3.3lbs)

Multiple Amplifier Mode

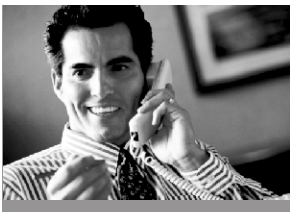


- Amplifier and speaker are connected to each PAS port.
- This mode allows you to make announcement to individual/few/all paging zones simultaneously.
- All relay ports can be used for control applications.

Single Amplifier Mode



- Using just one amplifier, messages can be paged to individual/few/all paging zones simultaneously.
- The relay ports are used to control the speakers for paging messages in different zones. Hence they cannot be used for controlling devices.



ABOUT MATRIX

An ISO 9001 Company, Matrix is a leader in the Key Phone System and PBX market. An innovative, technology driven and customer focused organisation; the company is committed to keep pace with revolutions in the telecom industry. This has resulted in bringing forth cutting-edge products like the Digital and ISDN Key Phone Systems, Digital PBXs, Voice Messaging Products, GSM FCT Products, Intercom Security Products and PLCC EPAXs. With over 1,000,000 line units installed and growing by over 700 line units per day, the installed base of Matrix connects over 10,000,000 calls everyday. Thus, Matrix has gained the trust and admiration from users representing the entire spectrum of industries. No wonder, Matrix has won awards for the Best PBX and Key Phone System Company.

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