



PROTON

The Compact Communicator for Homes and Small Offices

Communication is of prime importance, be it a business organization, a home or a small set up.

Introducing Matrix PROTON, a compact PBX for small offices, homes, restaurants and clinics offering efficient communication and call management. Loaded with value added features, this PBX system reduces cost and enhances productivity. Its design offers robust and reliable performance.

Get the power of Matrix PROTON in your organization to boost productivity.



PROTON provides ample number of extensions, so that members of your organization can communicate (externally as well as internally) more effectively and efficiently.

An easy to install and use PBX, it is loaded with features that offer more returns on your investment. Built around a Microcontroller based design and state-of-art Surface Mount Technology (SMT) ensures high reliability and low maintenance cost.

Bring that winning difference for your organization by switching to Matrix PROTON because only those grow faster who don't compromise.

KEY FEATURES

Abbreviated Dialing

You can store frequently used numbers in the system memory and dial it with a specific code.

Allowed and Denied List

You can specify list of numbers to allow and deny dialing for each extension. Thus avoiding misuse of extensions for local, mobile or outstation calls.

Auto Call Back

Station user need not keep dialing busy station repeatedly. By this feature you will get connected as it gets free.

Automatic Call Disconnecter

Disconnects a call once the define time is over. This function reduces long and unnecessary phone calls and keeps the expenses of telecommunication in check.

Auto Redial

Redials busy external number and notify you when it gets through. Thus saving your time and effort to call a number which is engage.

Auto Shut Dynamic Lock

A utility feature, it locks the extension for STD or any trunk after a pre-defined time, thus avoiding any misuse of the trunk lines.

Call Pick Up

By this feature you can answer the call of your colleague from your own desk without physically going to his extension.

Call Splitting

With this feature you can talk with two persons alternatively by just dialing flash.

Conference

You can have 3-party conference with extensions and trunks further enhancing team-work and better communications

Direct Inward Dialing

Frequent callers can reach desired station by dialing the station number. In this feature system will perform the task of an operator.

External Call Forwarding

The system can be programmed such that all incoming calls are forwarded to another number. Thus not letting you miss those important calls even when the office is closed.

Executive/Secretary

With this feature you can transfer all calls for the boss through secretary.

Walk-In Class of Service

This feature allows you to make calls as per your toll control from any station.

PROTON RANGE

- **PROTON103:** PBX with 1 Trunk Line and 3 Extensions
- **PROTON205:** PBX with 2 Trunk Lines and 5 Extensions
- **PROTON206:** PBX with 2 Trunk Lines and 6 Extensions
- **PROTON308:** PBX with 3 Trunk Lines and 8 Extensions



PROTON103



PROTON205

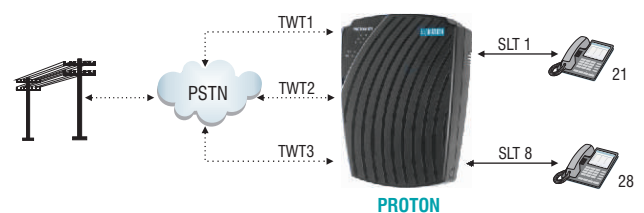


PROTON206



PROTON308

APPLICATION DIAGRAM



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FEATURES LIST

FEATURES LIST	PROTON103	PROTON205	PROTON206	PROTON308
Abbreviated Dialing (Global, Personal)			●	●
Alarms		●	●	●
Allowed and Denied Lists			●	●
Auto Call Back (Busy, No Reply)	●	●	●	●
Auto Redial			●	●
Barge-in			●	●
Behind the PBX Application			●	●
Boss Ring			●	●
Call Duration Control			●	●
Call Follow-Me			●	●
Call Forward (All Calls, If Busy, If No Reply)			●	●
Call Hold	●	●	●	●
Call Park		●	●	●
Call Pick Up (Group, Selective)	●	●	●	●
Call Splitting	●	●	●	●
Call Transfer	●	●	●	●
Class of Service (COS)		●	●	●
Conference (3-Party)	●	●	●	●
Continued Dialing			●	●
Day/Night Modes	●	●	●	●
Demonstration of Tones			●	●
Department Call			●	●
Direct Inward Dialing (DID)			●	●
Direct Outward System Access (DOSA)			●	●
Distinctive Ringing	●	●	●	●
Do Not Disturb (DND)	●	●	●	●
Dynamic Lock			●	●
Executive/Secretary	●	●	●	●
External Call	●	●	●	●
External Call Forwarding (ECF)			●	●
Flash Timer	●	●	●	●
Flexible Numbers			●	●
Hotline	●	●	●	●
Internal Call	●	●	●	●
Internal Call Restriction			●	●
Interrupt Request	●	●	●	●
Last Number Redial	●	●	●	●
Message Wait			●	●
Music-on-Hold		●	●	●
Operator			●	●
Power Down Mode	●	●	●	●
Privacy			●	●
Raid	●	●	●	●
Remote Lock			●	●
Remote Programming			●	●
Round Robin Ringing	●	●	●	●
Selective Trunk Access		●	●	●
Simultaneous Ringing	●	●	●	●
System Security (Passwords)		●	●	●
Toll Control		●	●	●
Trunk Landing		●	●	●
Trunk Reservation			●	●
Voice Mail Integration			●	●
Universal Serial Number			●	●
Walk-In Class of Service			●	●

● Available

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	PROTON103	PROTON205	PROTON206	PROTON308
Configuration				
Total Number of Ports	4	7	8	11
Number of Trunks	1	2	2	3
Number of Extensions	3	5	6	8
Power Supply				
Input	230VAC +/-10%, 50Hz	230VAC +/-10%, 50Hz	90-265VAC, 47-63Hz	90-265VAC, 47-63Hz
Power Consumption (Typical)	10W	10W	10W	10W
Mechanical				
Dimensions (WxHxD)	17x23.5x6cm 6.69"x9.25"x2.36"	17x23.5x6cm 6.69"x9.25"x2.36"	26x28x7.5cm 10.2"x11.0"x2.95"	26x28x7.5cm 10.2"x11.0"x2.95"
Weight	2kg (4.4lbs)	2kg (4.4lbs)	2kg (4.4lbs)	2kg (4.4lbs)
Environmental				
Operating Temperature	0° to 45°C	0° to 45°C	0° to 45°C	0° to 45°C
Operating Humidity	95% RH Non Condensing	95% RH Non Condensing	5-95% RH Non Condensing	5-95% RH Non Condensing

SMB PRODUCTS FROM MATRIX

PROTON103	1 Trunk Line and 3 Extension Lines PBX
PROTON205	2 Trunk Lines and 5 Extension Lines PBX
PROTON206	2 Trunk Lines and 6 Extension Lines PBX
PROTON308	3 Trunk Lines and 8 Extension Lines PBX
VISION206S	2 Trunk Lines and 6 Extension Lines PBX with Standard Features
VISION308S	3 Trunk Lines and 8 Extension Lines PBX with Standard Features
VISION309P	3 Trunk Lines and 9 Extension Lines PBX with Premium Features
VISIONULTRA206P	2 Trunk Lines and 6 Extension Lines PBX with Premium Features
VISIONULTRA308P	3 Trunk Lines and 8 Extension Lines PBX with Premium Features
VISIONULTRA412P	4 Trunk Lines and 12 Extension Lines PBX with Premium Features
VISIONULTRA616P	6 Trunk Lines and 16 Extension Lines PBX with Premium Features
ETERNITY PE3SS	GSM-VoIP PBX Expandable up to 24 Ports
ETERNITY PE3SP	GSM-ISDN-VoIP PBX Expandable up to 24 Ports
ETERNITY PE6SP	GSM-ISDN-VoIP PBX Expandable up to 48 Ports

ABOUT MATRIX

An ISO 9001 Company, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; the company is committed to keep pace with the revolutions in the telecom and security industries. With around 30% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge telecom products like IP-PBX, Universal Gateways, VoIP Gateways and Terminals, GSM Gateways, Access Control and Time-Attendance Systems and Fire Alarm Systems. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of more than 150,000 customers representing the entire spectrum of industries. Matrix has won many awards for its innovative products.

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Due to continuous technology upgradations, product specifications are subject to change without notice.