



## PROTON

The Compact Communicator for Home 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.

Laden with value added features, this PBX system reduces cost and enhances productivity. Its modular 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 micro controller based design and state-of-art Surface Mount Technology (SMT) ensures high reliability & 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 you can dial it with a specific code.

### Allowed and Denied List

Allows you to specify list of numbers that are allowed and denied for each extensions. Thus avoiding misuse of extensions for local calls, mobile calls or outstation calls.

### Automatic Call Disconnecter

Disconnects a call once the define time is over. This function greatly reduces long, unnecessary phone calls and keeps the expenses on telephone in check.

### Auto Redial

Redials an external number and intimate 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 period, thus avoiding any misuse of the lines.

### Conference

Allows 3-party conferences with other extensions or trunks. Enhancing team-work and better communications

### 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.

### Auto Call Back

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

### Executive/Secretary

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

### 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.

### Call Pick Up

By this feature you can answer the call of your colleague or co-worker without physically going to his extension.

### Walk-In Class of Service

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

### Call Splitting

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

## ■ PROTON RANGE

- PROTON103: PBX for 1 Trunk line 3 Extensions
- PROTON205: PBX for 2 Trunk lines 5 Extensions
- PROTON206: PBX for 2 Trunk lines 6 Extensions
- PROTON308: PBX for 3 Trunk lines 8 Extensions



PROTON103



PROTON205

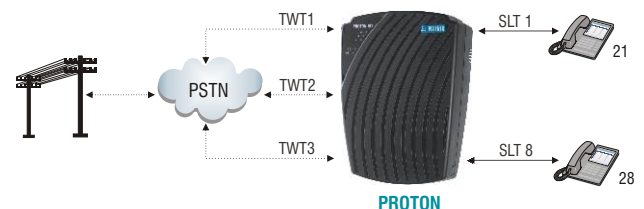


PROTON206



PROTON308

## ■ APPLICATION DIAGRAM



## 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
<b>Configuration</b>				
Total Number of Ports	4	7	8	11
Numbers of Trunks	1	2	2	3
Numbers of Extensions	3	5	6	8
<b>Power Supply</b>				
Input	230VAC +/-10%, 50Hz	230VAC +/-10%, 50Hz	90-265VAC, 47-63Hz	90-265VAC, 47-63Hz
Power Consumption (Typical)	10W	10W	10W	10W
<b>Mechanical</b>				
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	2Kg	2Kg	2Kg
<b>Environmental</b>				
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 the VoIP, GSM, Key Phone System and PBX market. An innovative, technology driven and customer focused organization; the company is committed to keep pace with revolutions in the telecom industry. This has resulted in bringing forth cutting edge products like VoIP Phones, VoIP Gateways, VoIP ATA, GSM FCT, GSM Gateways, SMB PBX, Enterprise PBX, Hotel PBX, Voice Messaging Products, Communication Security Products and PLCC Switches. With over 1,500,000 line units installed and growing by over 1500 line units per day, the installed base of Matrix connects over 15,000,000 calls everyday. Thus, Matrix has gained the trust and admiration of users representing the entire spectrum of industries. Matrix has won many awards for its innovative products.

For further information contact:



**MATRIX**  
TELECOM SOLUTIONS

**MATRIX TELECOM PVT. LTD.**

394-GIDC, Makarpura,  
Vadodara-390010, India.  
Phone: +91 265 2630555  
Fax: +91 265 2636598  
Email: [Inquiry@MatrixTeleSol.com](mailto:Inquiry@MatrixTeleSol.com)  
[www.MatrixTeleSol.com](http://www.MatrixTeleSol.com)  
SMS 'MATRIX' to 99987 55555