

The logo features a stylized 'P' composed of three slanted parallel lines to the left of the word 'Pentone' in a bold, sans-serif font. The entire logo is contained within a grey rectangular box with a slight 3D effect.

Pentone

Nov 1999
Shortform

Pentone

Shortform Catalogue

1999

**Pentone Ltd., 203 Abbeyfield Rd., Sheffield, S4 7AW.
☎ +44 (0)114 2440303 / FAX +44 (0)114 244 9916**

(c) Pentone Ltd. 1999

PTB1A



Type: Embedded SelCall Encoder/Decoder
 Size: 17mm x 36mm
 Part No: PTB1A
 Price: 1 off £52.50 20 off £49.88

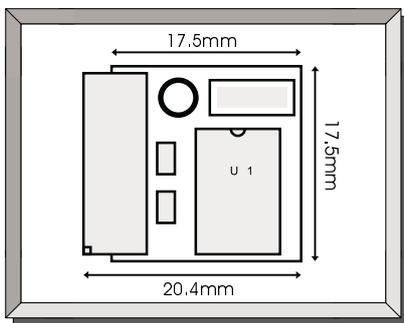
Keypad SelCall Encoder Decoder

- * ANI transponding, Individual and Group Calling
- * Multiple Status digits, Silent Status Request.
- * Over-air Reset, Kill, and Unkill.
- * Emergency Functions including Covert Listening.

The PTB1A is a multi-tone SelCall Module with full encoding and decoding in any standard toneset. The module can interface to matrix keypads or BCD switches or may be controlled using 1 to 4 individual push-button switches.

The PTB1A allows great flexibility in message composition and tone sequences are not limited to 5 tones. The module is fully compatible with complex systems requiring repeater access tones and multiple tone sequences

ANI1 / ANI1-D



Type: Embedded SelCall Encoder
 Size: 17.5mm x 20.4mm

SelCall ANI and Emergency Encoder

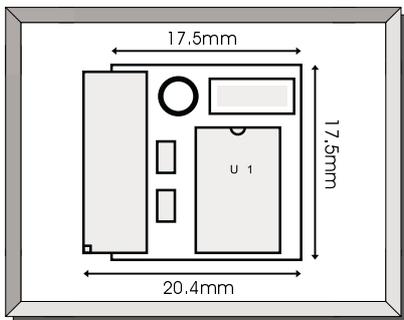
- * Fully Programmable ANI Transponding.
- * Multi function Emergency or Status Sequence Encoding.
- * Optional Channel Monitoring. PTT Time Out and Penalty Modes.

The ANI1 is a multi-tone SelCall module with ANI and Emergency sequence encoding in any toneset. The ANI1-D provides identical functionality to the ANI1 but may also be used for DTMF tone signalling.

The ANI1 / ANI1 D is configured using simple menu-driven PC software via an interface box to the PTT input.

Part No: ANI1 / ANI1-D
 Price: 1 off £26.00 50 off £23.00

DCS1



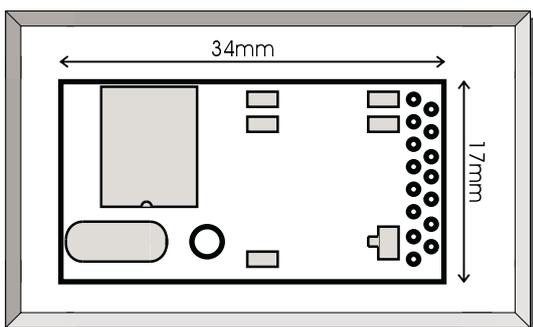
Digital Coded Squelch Encoder

- * Supports All DCS Codewords.
- * Fully Programmable SelCall ANI Transponding.
- * Multi Function Emergency or Status Sequence Encoding.
- * Optional PTT Time out and Penalty Modes.
- * Optional Busy Monitoring for hannel Lockout.

The Pentone DCS1 is a DCS and Multi-tone SelCall encoder module with ANI and Emergency encoding in any required toneset. The DCS1 is pin and programming compatible with the ANI1 SelCall Encoder.

Type: Embedded DCS and SelCall Encoder
 Size: 17.5mm x 20.4mm
 Part No: DCS1
 Price: 1 off £30.00
 50 off £27.00

SCR1



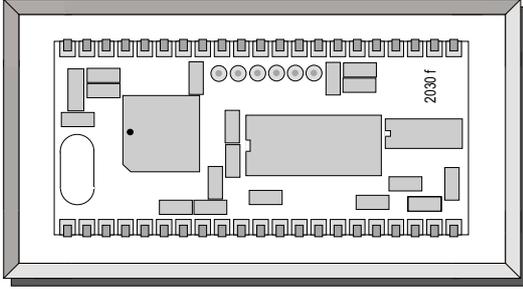
Split Frequency Inversion Scrambler

- * Split Frequency Voice Scrambling.
- * Fully Programmable SelCall ANI Transponding.
- * Multi Function Emergency or Status Sequence Encoding.
- * Optional Channel Monitoring, PTT Time out and Penalty.

The Pentone SCR1 is a Split Band Frequency Inversion voice scrambler. In addition to the scrambling facility the SCR1 also offers multi-tone SelCall and DTMF ANI and Emergency sequence encoding.

Type: Embedded DCS and SelCall Encoder
 Size: 17mm x 34mm
 Part No: SCR1
 Price: 1 off £55.00
 50 off £50.00

PTB2030



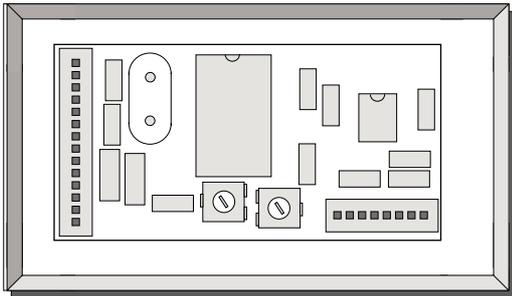
Embedded SelCall Encoder / Decoder

- * ANI transponding, Individual and Group Calling
- * Multiple BCD Status digits, Silent Status Request.
- * Over-air Reset, Kill, and Unkill.
- * Emergency Functions

The PTB2030 is a complete selective calling encoder / decoder for 5-tone sequential systems. Designed as a plug in replacement for the CML FX2030(R) module it offers the advantages of simple yet flexible programming, high performance and low unit cost.

Type:	Fx2030 Compatible SelCall Encoder/Decoder	Part No:	PTB2030	Price:	20 off	£57.00
Size:	25mm x 54mm	M.O.Q.	20 Units		100 off	£60.00

LCM1



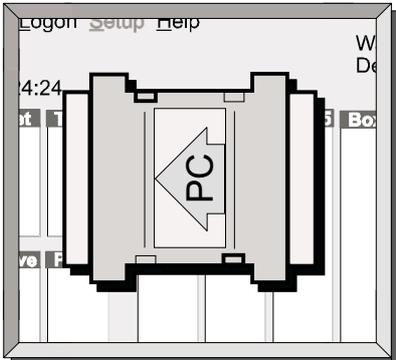
Embedded Radio Modem

- * 1200, 2400, 4800 Baud Data over Radio.
- * True Rs232 Input / Output.
- * Full Duplex or Half Duplex Operation.
- * Optional Channel Busy Monitoring, PTT Time Out.

The LCM1 is an embedded 1200/ 2400/ 4800 Baud FFSK modem designed for use in PMR and other systems. It forms a useful low cost building block for radio data systems.

Type:	Fx2030 Compatible SelCall Encoder/Decoder	Part No:	LCM1	Price:	20 off	£57.00
Size:	25mm x 54mm	M.O.Q.	20 Units		100 off	£60.00

PSD1



SelCall to PC Interface

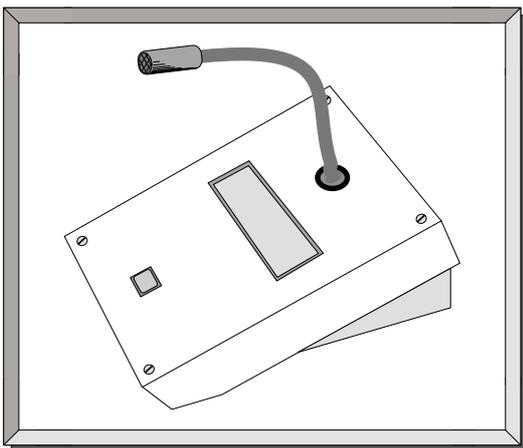
- * SelCall Dispatch and Status Systems on a PC
- * Works under DOS, Windows 3.11, Windows 95.
- * Simple Programming in any High Level Language.
- * Wide range of applications software available.

The PSD1 interfaces a SelCall PMR network to a standard PC Via the Parallel interface. The PSD1 allows SelCall messages to be received and sent by the PC for Call Logging, Status Gathering, and Call centre applications.

The PSD1 can be programmed by the user, or Pentone can provide a range of software for Job Dispatch, Fleet Management, Taxi Dispatcher applications, Security and Data logging and Voice recording and playback.

Type:	PC SelCall Interface Module	Part No:	PSD1	Price:	1 off	£200.00
Connect:	PC LPT 1 / 2 / 3				20 off	P.O.A

DM8870B



SelCall Display and Desk Microphone

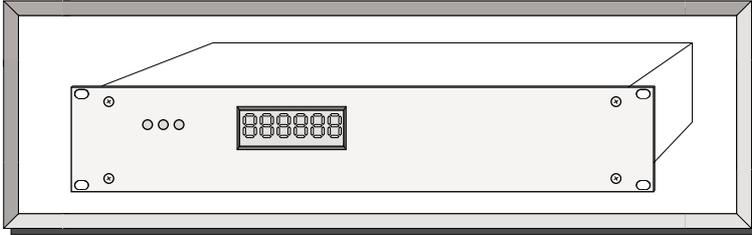
- * Instantaneous Caller I.D.
- * Rugged Construction, Simple Installation.
- * High Quality Gooseneck Microphone.
- * Jacks for PTT Foot Switch and Headset.
- * Tone Blanking and Serial Rs232 Interface.

The Dm88 70B Integrates a 5 digit SelCall Decoder and Desk Microphone into one simple to install Unit. The Dm88 70B offers an entry level SelCall ID solution without the need to change the existing equipment and with a minimum of additional hardware.

Type:	SelCall Display and Microphone					
Part No:	DM88 70B	With Microphone	Price:	1 off	£350.00	
				20 off	£300.00	

SELCON800

Rack Mount SelCall Controller



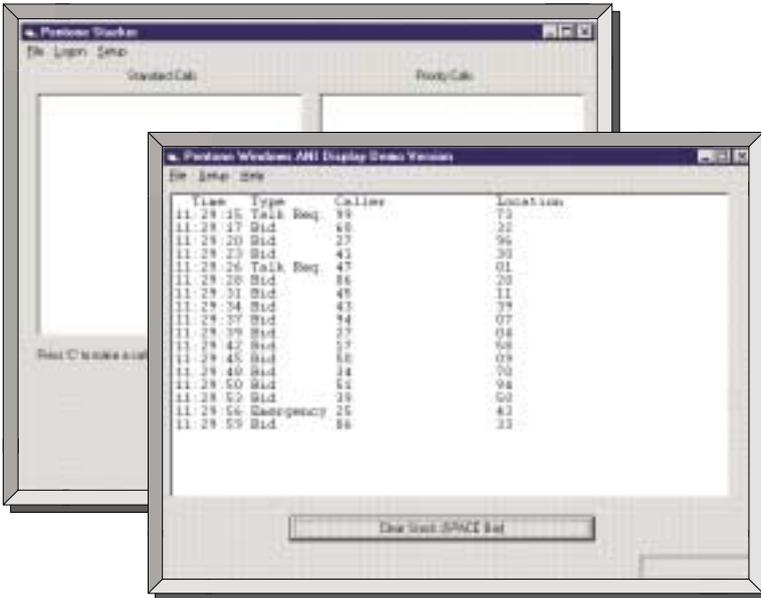
- * SelCall Encode and Decode in Any Toneset.
- * Rugged Construction, Simple Installation.
- * Simple Serial Programming.
- * Interfaces to Computer Equipment.
- * Clear Visual Decode Indicators.

Type: Rack Mount SelCall Controller
 Part No: SELCON800 / SELCON802
 Price: Single Channel £850.00
 Dual Channel £1150.00

The SELCON800 integrates a multi digit SelCall Encoder and Decoder with power supply and display head in a single rack mounted module. The unit can be supplied in single or dual channel versions. The unit is fitted with balanced line drivers and receivers on all channels. The SELCON800 can be used as the heart of Computerised Communications Systems providing a range of Status and Identification options.

WINANI & STACKER

PMR Call Centre Manager



- * Instant Caller Identification.
- * Nuisance Caller Identification..
- * Call Queue Management.
- * Call Logging to Disk.
- * Names, Locations and Status's in Plain Text.
- * Call, Kill, Unkill Mobiles from base.

WINANI provides a simple and cost effective solution to the problems of Call management on a PMR network.

STACKER provides all the enhanced features of WINANI with the advantage of separate priority stack and emergency call control.

All Incoming Calls can identify the calling radio, and may also contain one or two digits of Status information and one or two digits of Location information. The Caller ID, Status and Location may all be displayed in plain text if required.

The System Operates on a PC under Windows 95® and interfaces to the radio network via the PSD1 SelCall Interface

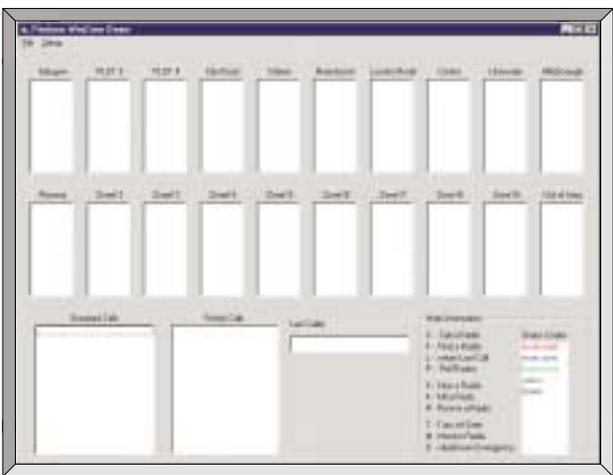
The operator uses the Call button to place calls to individual radios, or to groups of radios. Kill and Unkill are password protected.

Type: Call Queue Manager
 Hardware: PC with Windows 95®, PSD1 SelCall Adapter
 Part No: WINANI Price: £200.00

Type: Call Centre Manager
 Hardware: PC with Windows 95®, PSD1 SelCall Adapter
 Part No: STACKER Price: £450.00

WINZONE

Zone Tracking and Call Management



- * Simple to Use Instant Worker Zone Information.
- * All Idents and Status Codes may be cross referenced to text.
- * Zones may be re-named.
- * Separate Call and Priority Call Stacks.
- * Call, Stun & Revive for Individual Radio.
- * Capacity for up to 1000 Caller Idents, 10 Status's and up to 20 Locations.

WINZONE operates on a PC under Windows 95® to provide effective worker zone management on a PMR network.

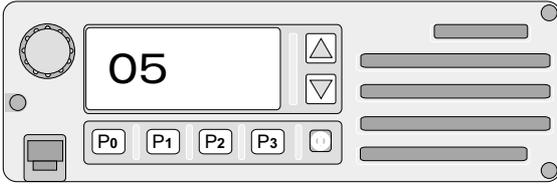
The system can be used in Lone Worker, or Fleet dispatcher situations. Users plot onto any zone via their radio without any requirement for voice calls. The Zone display will keep a record of which zone each radio is currently plotted in.

Type: Zone Tracking and Call Manager
 Hardware: PC with Windows 95®, PSD1 SelCall Adapter
 Part No: WINZONE Price: £850.00

The system also allows voice calls to be set up to or from the base, and will work either as an 'Open' system, or as a 'Closed' system whereby the users radio's remain muted until they are called by the base.

TAXI!

SelCall Taxi Plotting and Management System



The TAXI! System is a sophisticated tracking and management system for the taxi industry, with powerful features and robust operation designed in close co-operation with taxi operators.

The System is cheap and simple to install and operate and yet provides a sophisticated and comprehensive tool for taxi drivers and operators.

Simple Driver Operation Including:-

- * Plot Clear or Busy in any Zone.
- * Queues Position Query.
- * House Number Query.
- * Out of Car facility.

The TAXI! Plot module pictured below, gives full function automatic zoning and despatch features including driver plotting, busy and clear cars, No Show and out of borough jobs, call queueing and automatic covert house number transmission.

The TAXI! Telephonist module allows the system to operate on a number of networked P.C's with jobs entered on several terminals. The system provides local street plan information, guide pricing on jobs, repeat and return bookings, account bookings and notes to the despatcher.

The screenshot shows the TAXI! Manager software interface. The main window displays a grid of zones (A5, A4, Box 5, Box 4, Box 3, Nimrod, Box 2, Box 1, Alr, S1, No Plot, Call Stack) and a 'Manual Dispatch Box' with 'Car' and 'House' options. A 'Manual Plot Key' and 'Car Locator Keys' are visible at the bottom. A separate window on the left shows a 'Telephonist' form with fields for job details and customer information.

The TAXI! Manager module allows jobs to be analysed for strategic decision making, including Jobs by area or by Car, Account jobs and No Show jobs.

Part No: TAXI!
 Price: P.O.A. From £2500.00
 Equipment: PC or Network with Windows 95®, PSD1

The TAXI! Accounts module provides invoice generation and account management functions, integrated with the jobs booking software.

Nov 1999 Shortform

Pentone Ltd., 203 Abbeyfield Rd., Sheffield, S4 7AW.
+44 (0)114 2440303 / FAX +44 (0)114 244 9916

(c) Pentone Ltd. 1999