

V2 Configuration Software - Euracom

1) Configuration >> Basic Configuration

Select the type of Euracom →

Select the type of system used →

Click to define the MSN's, DDI's or internal extensions →

Define the type of connection – **PTP** (DDI), **PTMP** (MSN) or **internal** (connected to ISDN phones, PC cards etc) →

Click to define analogue telephone extensions →

Click to define extra contacts, and use of RS232 ports →

For use on old systems that do not have the # and * keys →

Area code without leading 0 →

Internal – “please hold the line”,
external – through the headphone jack,
none – none. →

Code number to remotely switch off an alert →

No effect in UK – no charging tones sent on ISDN →

Enable storing of chargeable information (number called, time etc) →

Allow remote switching of relays and remote call diversions →

Have a company divided into two →

2) Configuration >> PTP (DDI) Setup

If you click on a "port" button, and the connection is set as PTP, you will get the following screen:-

The screenshot shows a software interface for configuring a PTP (DDI) setup. It is divided into two main sections: 'single system S0 port' and 'single system - PTP'.

single system S0 port:

- A dropdown menu shows 'Euracom 182'.
- Three buttons labeled 'port 1', 'port 2', and 'port 3' are stacked vertically.
- Below these are two buttons: 'ana ports' and 'additional info.'.
- At the bottom of this section is a button: '<< back to system options'.

single system - PTP:

- Section: 'port configuration - port 1'.
- Field: 'system telephone number' with value '65432'.
- Field: 'length of DDI number' with dropdown 'single-digit'.
- Field: 'ring mode' with radio buttons for 0, 1, 2, 3, 4.
- Table 'Index Sub.call no.':

Index	Sub.call no.
1	11
2	12
3	15
4	
5	
6	
7	
8	
9	18

Annotations:

- 'Click here to configure PTP (DDI) access' points to the 'Euracom 182' dropdown.
- 'Click here to configure PTMP (MSN) access' points to the 'port 1' button.
- 'Click here to configure internal ISDN extension numbers' points to the 'ana ports' button.
- 'Click here to configure analogue extension numbers' points to the 'additional info.' button.
- 'Click here to change serial ports and relay functions (and basic functions – see page 2 above)' points to the '<< back to system options' button.
- 'Enter the base telephone number (without the last digit – in this case, the numbers are 654320 to 654329)' points to the 'system telephone number' field.
- 'Select the ring type for analogue telephones' points to the 'ring mode' radio buttons.
- 'Select the number of digits that change (in this case, it's the last single digit)' points to the 'Sub.call no.' dropdowns.
- 'Select where you want specific DDI numbers to ring – in this case, 654321 will ring extension 11, 654329 will ring extension 18.' points to the 'Sub.call no.' dropdowns.

3) Configuration >> PTMP (MSN) Setup

If you click on a "port" button, and the connection is set as PTMP, you will get the following screen:-

Click here to configure PTP (DDI) access

Click here to configure PTMP (MSN) access

Click here to configure internal ISDN extension numbers

Click here to configure analogue extension numbers

Click here to change serial ports and relay functions (and basic functions – see page 2 above)

Enter the MSN's you have received for your ISDN line here

Select the ring type for analogue telephones.

basic configuration

single system S0 port

Euracom 182

port 1

port 2

port 3

PTP

PTMP

Internal S0

ana ports

additional info.

<< back to system options

OK

single system - PTMP

port configuration - port 2

ring mode

0 1 2 3 4

MSN 0 123456

MSN 1 246810

MSN 2 102030

MSN 3

MSN 4

MSN 5

MSN 6

MSN 7

MSN 8

MSN 9

4) Configuration >> Internal So (ISDN extension) Setup

If you click on a "port" button, and the connection is set as Internal S0, you will get the following screen:-

basic configuration

single system S0 port

Euracom 182

port 1 PTP

port 2 PTMP

port 3 Internal S0

ana ports additional info.

<< back to system options

OK

single system - internal S0

subscriber telephone numbers - port 3

group call 30

tel. numb. 2 31

tel. numb. 3 32

tel. numb. 4 33

tel. numb. 5 34

tel. numb. 6

tel. numb. 7

tel. numb. 8

tel. numb. 9

tel. numb. 10

Click here to configure PTP (DDI) access

Click here to configure PTMP (MSN) access

Click here to configure internal ISDN extension numbers

Click here to configure analogue extension numbers

Click here to change serial ports and relay functions (and basic functions – see page 2 above)

Put in all the extension numbers you want for the internal S0 bus (This is the bus you will connect your ISDN or P4 telephones, PC ISDN cards etc to)

5) Configuration >> Analogue Extension Setup

If you click on the “Ana ports” button, and you will get the following screen:-

The screenshot shows a 'basic configuration' window for a 'single system S0 port'. The window is divided into two main sections: 'single system S0 port' on the left and 'single system subscriber telephone numbers - ana ports' on the right.

Annotations on the left side:

- Click here to configure PTP (DDI) access: Points to the 'Euracom 182' dropdown menu.
- Click here to configure PTMP (MSN) access: Points to the 'port 1' button.
- Click here to configure internal ISDN extension numbers: Points to the 'ana ports' button.
- Click here to configure analogue extension numbers: Points to the 'additional info.' button.
- Click here to change serial ports and relay functions (and basic functions – see page 2 above): Points to the '<< back to system options' button.

Fields in the 'single system S0 port' section:

- Dropdown menu: Euracom 182
- Buttons: port 1, port 2, port 3
- Dropdown menus: PTP, PTMP, Internal S0
- Buttons: ana ports, additional info.
- Button: << back to system options
- Button: OK

Fields in the 'single system subscriber telephone numbers - ana ports' section:

- tel. numb. 1: 11
- tel. numb. 2: 12
- tel. numb. 3: 13
- tel. numb. 4: 14
- tel. numb. 5: 15
- tel. numb. 6: 16
- tel. numb. 7: 17
- tel. numb. 8: 18
- door intercom 1: 91
- door intercom 2: 92

Annotations on the right side:

- Put in all the extension numbers you want for the analogue extensions: Points to the 'tel. numb.' input fields.
- Enter telephone numbers for Door Intercom Systems: Points to the 'door intercom' input fields.

6) Configuration >> Additional Info.

If you click on the “Additional Info” button, and you will get the following screen:-

Click here to configure PTP (DDI) access

Click here to configure PTMP (MSN) access

Click here to configure internal ISDN extension numbers

Click here to configure analogue extension numbers

Define the effect of relay contact(s) (secondary ringers, alarm contacts, etc)

Define the use of the RS232 port(s). At least one of them needs to be set to CTI/configurator, baud 9600 otherwise you will not be able to set the system in the future from the PC

basic configuration

single system S0 port

Euracom 182

port 1

port 2

port 3

PTP

PTMP

Internal S0

ana ports

additional info.

<< back to system options

OK

single system

subscriber telephone numbers - additional info.

activator function

activator 1 None

activator 2 None

1. Rs232

CTI/configurator

printer

baud rate 9600

2. Rs232

CTI/configurator

printer

baud rate 9600

7) Configuration >> Call Distribution (PTP)

This selects between distribution of the call, and how these distributions are handled

This is the PTP (DDI) port. This distribution covers any calls to 654320, and any other suffixes we didn't allocate in page 3 above (in our case, 654324 to 654328).

You have 5 possible configurations, the "call allocation" radio button above lets you define when they become active

A cross in the box means that the extension will ring when the call comes in

call distribution
✕

call distribut.
 call classific.

single system Euracom 182

 S0 port 1
 S0 port 2

65432

teleph.number: 65432

	call distribution	subscriber	11	12	13	14	15	16	17	18	30	31
1			☒	☐	☐	☐	☐	☐	☐	☐	☐	☐
2			☒	☒	☒	☒	☒	☒	☒	☒	☐	☐
3			☒	☒	☒	☒	☒	☒	☒	☒	☐	☒
4			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
5			☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

All on

All on

All on

All on

All on

These select between the S0 ports defined in "basic configuration" in section two. (In our case, S0 port 1 was "PTP" access, and S0 port 2 was "PTMP" access.)

Click here to turn all extensions to ring when a call comes in

8) Configuration >> Call Allocation (PTP)

This selects between distribution of the call, and how these distributions are handled

Specify the day(s) of the week you want to change

Select what pattern of phones to ring for "day"

Select time that "day" starts

Define how a call transfers if not answered at night

How long it's allowed to ring

call distribution ✕

call distribut.
 call classific.

single system Euracom 182
 S0 port 1
 S0 port 2

65432

teleph.number: 65432

week day: 7 days a week

options for <7 days a week>

day service: 1 2 3 4 5

night service: 1 2 3 4 5

Call transfer day: 1 2 3 4 5

call transfer night: 1 2 3 4 5

start time day: 09:00

start time night: 17:00

time (secs): 10

time (secs): 10

Subscribers to call distribution

1: 11

2: 11 12 13 14 15 16
17 18

3: 11 12 13 14 15 16
17 18 31 32 33 34

4:

5:

OK

These select between the S0 ports defined in "basic configuration" in section two. (In our case, S0 port 1 was "PTP" access, and S0 port 2 was "PTMP" access)

These are the 5 options we had on the previous page, and they show where we had selected the phone to ring

9) Configuration >> Call Distribution (PTMP)

This selects between distribution of the call, and how these distributions are handled

The MSN's for the lines are selected here, and the call distribution is designed independently

You have 5 possible configurations, the "call allocation" radio button above lets you define when they become active

A cross in the box means that the extension will ring when the call comes in

call distribution

call distribut. single system Euracom 182

call classific.

50 port 1

50 port 2

123456 246810 102030

teleph.number: 246810

call distribution	subscriber	11	12	13	14	15	16	17	18	30	31
1		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
2		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
3		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

All on

All on

All on

All on

All on

OK

These select between the S0 ports defined in "basic configuration" in section two. (In our case, S0 port 1 was "PTP" access, and S0 port 2 was "PTMP" access.)

Click here to turn all extensions to ring when a call comes in

10) Configuration >> Subscriber Configuration

The screenshot shows the 'Subscriber Configuration' window for 'single system Euracom 182'. The window is divided into several sections:

- Configuration Mode:** Radio buttons for 'configuration' (selected), 'charges', and 'ana ports'. A dropdown for 'S0 port 3' is also visible.
- Display Mode:** Radio buttons for 'single' (selected) and 'list'.
- Navigation:** A row of buttons numbered 11 through 18, and 'DIS91' and 'DIS92'.
- Basic Options:**
 - terminal type: dropdown menu set to 'telephone'.
 - exchange authorization: dropdown menu set to 'abroad'.
 - delete PIN: dropdown menu set to 'no'.
 - speed dial no.: empty text field.
- Restrictions:**
 - Call intrusion: checkbox (unchecked).
 - config. authorisation: dropdown menu set to 'master'.
- Call Diversions:**
 - permanent: text field with 'act.' checkbox (unchecked).
 - On busy: text field with 'act.' checkbox (unchecked).
 - after 1 sec.: spinner box set to '1' with 'act.' checkbox (unchecked).
- Features:**
 - Call waiting protect: checkbox (unchecked).
 - intrusion protection: checkbox (unchecked).
 - DND: checkbox (unchecked).
 - speed dial no.: checkbox (unchecked).
 - aut. conn. to ex.: checkbox (unchecked).
 - CLIR: checkbox (unchecked).
 - CLIP: checkbox (unchecked).
 - Priv. calls - Sec.: checkbox (unchecked).
 - Recall: checkbox (unchecked).
 - Hook Flash: checkbox (unchecked).
 - COLR: checkbox (unchecked).
 - Group: 1 2 3 4 (checkboxes for 1, 2, 3, 4 are present).
- Call number transmission:**
 - automatic: dropdown menu.
 - preferred: dropdown menu.
 - Buttons: 'Wake up / remind. call' and 'Next >'.

Annotations:

- Change other options for users (points to 'configuration' radio button)
- Select Internal S0 bus subscribers (points to 'S0 port 3' dropdown)
- Select alternative extensions to configure (points to extension '11')
- Select the use of the extension (points to 'terminal type' dropdown)
- Specify types of call that can be made (points to 'exchange authorization' dropdown)
- Used to reset the user's PIN to 0000 (points to 'delete PIN' dropdown)
- Allow user to intrude conversations? (points to 'Call intrusion' checkbox)
- Set a number to be automatically dialled 10 seconds after picking up the handset (points to 'after 1 sec.' spinner)
- Allow user to change settings? (points to 'permanent' checkbox)
- Make calls permenately divert to another extension (points to 'permanent' checkbox)
- Make calls divert when your phone is in use (points to 'On busy' checkbox)
- Make calls divert when they're not answered after the set time (points to 'after 1 sec.' spinner)
- Select telephone number to be sent on outgoing calls (points to 'automatic' dropdown)
- Exclusive will only make outgoing if channel available Preferred will use other channels (points to 'preferred' dropdown)
- Show extensions one-at-a-time, or all at once (points to 'single' radio button)
- When selected, prevents call waiting beep (caller gets engaged tone) (points to 'Call waiting protect' checkbox)
- When selected, only "master auth" can intrude and listen in (points to 'intrusion protection' checkbox)
- Do Not Disturb (points to 'DND' checkbox)
- Allow "private calls" - only shows in charging as duration (points to 'Priv. calls - Sec.' checkbox)
- Allows connection together of two external calls (points to 'Hook Flash' checkbox)
- Enable use of old (slow) analogue phones (points to 'COLR' checkbox)
- No effect in UK (points to 'CLIR' checkbox)
- Enables speed Dial (points to 'speed dial no.' checkbox)
- Automatically dial "0" for outside line (points to 'aut. conn. to ex.' checkbox)
- No effect in UK (points to 'CLIP' checkbox)
- Hide your number from recipient (as 141 on BT) (points to 'CLIP' checkbox)

11) Configuration >> Subscriber Configuration – Wake-up calls

The screenshot shows the 'Subscriber Configuration' dialog box for extension 11. The window title is 'Subscriber Configuration'. At the top, there are radio buttons for 'configuration' (selected), 'charges', and 'ana ports'. The system is identified as 'single system Euracom 182'. There are also radio buttons for 'single' (selected) and 'list'. Below this is a row of extension numbers: 11, 12, 13, 14, 15, 16, 17, 18, DIS91, and DIS92. The '11' extension is selected.

The main configuration area is divided into several sections:

- basic options:** Includes dropdown menus for 'terminal type' (set to 'telephone'), 'exchange authorization' (set to 'abroad'), and 'delete PIN' (set to 'no'). There is also a 'speed dial no.' field.
- Restrictions:** Includes a checkbox for 'Call intrusion' (unchecked) and a dropdown for 'config. authorisation' (set to 'master').
- call diversions:** Includes three rows for diversion settings: 'permanent', 'On busy', and 'after 1 sec.'. Each row has a checkbox for 'act.'.
- Wake up / remind. call:** Includes a 'Reminder call' time set to 08:30 and a 'Wake Up Call' time set to 08:30. Below these are checkboxes for days of the week: Mo (checked), Tu (unchecked), We (checked), Th (unchecked), Fr (checked), Sa (unchecked), Su (unchecked). There is an 'all on' button.
- Call number transmission:** Includes dropdown menus for 'automatic' and 'preferred'.

At the bottom, there are buttons for 'switchflags', 'Next >', and 'OK'.

Annotations with arrows point to various elements:

- 'Change other options for users' points to the 'configuration' radio button.
- 'Select Internal S0 bus subscribers' points to the 'ana ports' radio button.
- 'Select alternative extensions to configure' points to the extension number '11'.
- 'Show extensions one-at-a-time, or all at once' points to the 'single' radio button.
- 'Enter the time you want a one-off call within the last 24 hours' points to the 'Reminder call' time field.
- 'Enter the time you want a regular alarm call' points to the 'Wake Up Call' time field.
- 'Enter the days of the week you want this alarm call' points to the day checkboxes.
- 'Click to select all days' points to the 'all on' button.
- 'Go back to the previous screen' points to the 'switchflags' button.
- 'Select next extension' points to the 'Next >' button.



Systems that connect

12) Configuration >> Subscriber Configuration – Charges (NB Limited effect in UK as no charging pulses)

Change other options for users

Select Internal S0 bus subscribers

Select alternative extensions to configure

Costs per unit for this extension

Limit for call charges (when reached, can only make emergency calls)

Select type of charging pulse sent by telco

Display charges at telephone?

Select types of calls to be recorded to printer

Show extensions one-at-a-time, or all at once

How much of the telephone number called is to be stored? Shortened removes the last three digits of the number

15) Configuration >> Barred Numbers

Barred Numbers are call numbers (or ranges) that not allowed to be dialled by anyone, except those that have "No restriction" set for the extension in subscriber configuration

Enter the numbers, or start of the numbers (ie 0898) that you want to stop people dialling

Barred numbers

Company1

00	089	05		10		15	
01	01908	06		11		16	
02	07	07		12		17	
03		08		13		18	
04		09		14		19	

OK

16) Configuration >> Emergency Numbers

Emergency Numbers are call numbers (or ranges) that can be dialled by anyone, even if the extension has been barred, or has reached the charging limit

Enter the numbers, or start of the numbers (ie 999) that you want to allow any subscriber to dial

Emergency numbers

Company1

00	999	05		10		15	
01	911	06		11		16	
02	100	07		12		17	
03	192	08		13		18	
04		09		14		19	

OK

17) Configuration >> Virtual Subscriber

For the Virtual Subscriber to operate, you need to set one of the MSN's for the lines, or one of the DDI's to "point" to the virtual subscriber extension. You then dial this DDI/MSN to access the features for the virtual subscriber

The virtual subscriber is used for the remote switching of activators / switches and setting / changing call diversions. This subscriber is called per direct dialling or via a distribution and enables the entry of a PIN code or of programming procedures

Virtual Subscriber

Teleph. Number 88

Pin Number 88888

OK

Two digit extension number of the virtual subscriber

Pin number to enable the virtual subscriber to change the relay contacts remotely

Original Author: SiD
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