DA1280   cordless telephone PLUG

DECT and CAT-iq   Manual
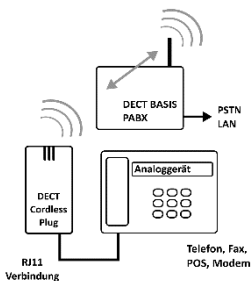
Page

Congratulations

DA1280 represents an analogue telephony plug which setup communication link to a DECT-Base Station. DA1280 can connect legacy analogue terminals as corded Telephones, Fax, Answering Machine, Modem or POS terminal via DECT to your IP Access Point. DA1280 is compatible to all commercially used DECT-GAP-Base Stations but also to modern DSL-VoIP-Routers, as Speedport from Deutsche Telekom or Fritzbox, Tipel DSL VoIP Router or Internet Box from SwissCOM.

Simply connect your analogue terminal via RJ11 cable to DA1280 RJ11 plug. DA1280 will connect your terminal via DECT (30meter indoor) with your access point which transmits your Call, Fax or Data to your WAN destination.

All you have to do is to make your DA1280 "acquainted" with your access point. This is called Registration and is the same procedure you know from DECT Handsets. This manual will help you.

Start-Up with Standard DECT Base

1. switch-on DA1280 near Base Station

2. switch-on **Repeater Mode** of DECT Base Station

   (see Manual of DECT Base Station)

3. press „Registration" at DECT Base Station

4. wait till DA1280 is in operational mode

[*1)] read pages 8-10 in case PIN of your DECT Base is not „0000"

Hints for PABX and Multicell Systems:

DA1280 has a unique DECT-ID called IPEI. This IPEI you can see on the product label on your

DA1280. It has is a 10-digit Hexadecimal form (HEX). Some DECT Systems (e.g. PABX) request

this PIN in decimal form (DEC).

The conversion HEX (e.g. IPEI 00092268E9) into DEC form is as follows:
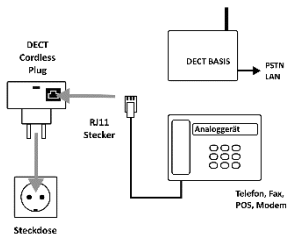
convert left-sided 5 HEX digits into decimal (5-digits)   e.g. 00092_{HEX} in 00146_{DEZ}

convert residual 5 HEX digits into decimal (7-digits)   e.g. $268E9_{HEX}$ in 0157929_{DEZ}

IPEI 00092268E9 (HEX) is converted into   001460157929 (DEC)

connect analogue terminal

Use wall-plugs for DA1280 with LEDs on top. Please take care that RJ11 cable does not exceed 3 meters. Connect your analogue terminal with RJ11 cable to DA1280. In Germany in most cases a standard TAE adapter is necessary. You can immediately use your analogue terminal with DA1280 ex-works-setup. See pages 8-10 if you need to adjust the ex-works configuration.

Signalling tones

description	frequency	tone/pause
dialling tone	440 Hz	continous
occupied	440 Hz	periodically 125ms Ton, 475ms pause
special dialling tone	880 Hz	continous
positive execution signal	440 Hz	1-time 1,0 sec
negative execution signal	440 Hz	3-times 500ms ton, 250ms pause

Operation

Incoming Call

LED3 is flashing and connected terminal will be signalising incoming call. Accept Call with terminal and LED3 stops flashing and shows LED3 active.

Outgoing Call (overlay dialling)

Hook-off analogue terminal. LED3 shows active and dialling tone will be announced. Analogue terminal dials calling number. After 4 seconds wait, DA1280 will setup the call with this resulting number sequence. DA1280 is in transparent connection (ex-works-setup).

Outgoing Call (auto dialling)

DA1280 can hold a special telephone number for auto-dialling after hook-off. This telephone number must be configured (see pages 8-10).

Operation

Hints

In case Internal Calls are enabled, you can call internal DECT handsets with following sequence:

**{Handset INT number}#

possible {Handset INT number} are 1,2,3,5,6,7,8,9

Please notice that „Internal Call enabled" and „transparent Mode on" cannot be activated simultaneously.

If „transparent Mode ON" the DECT Link will be setup instantly after hook-off. DTMF tones will be transmitted and not evaluated.

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ex-works-setup

description	ex-works status
Fax/Modem	OFF
Internal Call	OFF
End Symbol	#
transparent Mode	OFF
Caller rights	Incoming/outgoing calls
DTMF signaling	OFF
flash time	300ms
Auto dialling	OFF

restore ex-works-setup

Press side key for 5 seconds to activate the RESET of DA1280.

RESET function will restore the ex-works setup. All previous DECT

registration will be deleted and all Settings will be reset to

ex-works parameters. After RESET, DA1280 will

automatically start searching a DECT-Base Station which is

close to his place.

change ex-works-setup

Method 1: connect a corded analogue phone to DA1280 and use its keypad for entering Configuration Codes. Follow the instructions below.

Activate Configuration Mode

1. disconnect DA1280 from wall plug (power OFF)

2. hook-off the phone which is connected to DA1280

3. connect DA1280 to wall plug again (power ON)

You will hear the special signalling tone.

There is also Method2 to configure your DA1280. Here you connect DA1280 with your PC via USB cable. A special DA1280 PC Application delivers a modern MMI for all Settings of DA1280.

Configurations Codes

**800*1#	End of configuration		
**801*{PIN}#	Registration to Base station with {PIN}		
**802*1#	Fax/Modem Mode ON e		
**802*0#	**Fax/Modem Mode OFF**		
**803*1#	Internal calls enabled		
**803*0#	**Internal calls disabled**		
**804*1#	**End Symbol ON = #**		
**804*0#	End-Symbol OFF		
**805*1#	transparent Mode ON		
**805*0#	**transparent Mode OFF**		
**806*{0..2}#	**Caller Rights** enabled for		
	0: incoming and outgoing calls		
	1: outgoing calls 2: incoming calls		
**807*1#	DTMF Signalling ON		
**807*0#	**DTMF Signalling OFF**		
**808*{DTMFsequence}#	DTMF Signalling Sequence 2-digit		
**809*{DTMF tone}#	DTMF Signalling tone 1-digit		
810*{0..3**..9}#	**Flash Time**		
	0: 50ms	1: 60ms	2: 80ms
	3: 100ms	4: 120ms	5: 180ms
	6: 250ms	7: 300ms	8: 600ms
	9: 800ms		
**851*{auto number}#	Auto call number , max 24-digit		
**852*1#	Auto call ON		
**852*0#	**Auto call OFF**		
**899*3853171#	restore ex-works-setup		

Ex-works parameters are printed **bold**.

Please close configuration mode with sequence   **800*1#

In case your DECT Base does not support PIN „0000", repeat Registration to Base with   **801*{PIN}#   and use PIN of DECT Base.
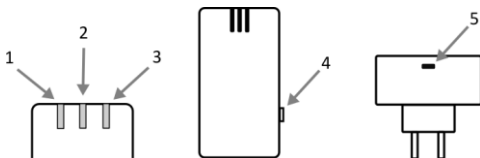
change ex-works-setup

Method 2: Connect DA1280 via USB with your PC. A special DA1280 APP (download from Internet) will offer you a comfortable MMI for all settings of DA1280. Adapt your setup to your requirements which will be automatically stored on DA1280 when closing the APP regularly

1. disconnect DA1280 from wall plug (Power OFF)

2. connect DA1280 to your PC via USB cable

3. download APP and start DA1280 APP

4. follow the instruction of the APP

Start	Info	Registration	Configuration	Update	Reset	Exit

Fax / Modem Mode:	Off ▾	
Internal Calls:	Off ▾	
Caller Rights:	in a. out going calls ▾	
Flash Time:	300ms ▾	
Auto Call:	Off ▾	Please enter phone number
Transparent Mode:	Off ▾	
DTMF Signalling:	Off ▾	#9

Save

Connectors, LED, side key

Nr	Element
1	LED1 power supply (on/off)
2	LED2 DECT Link Quality (3 colors)
3	LED3 active call in REP (on/off)
4	side key(Reset, special for multicall HS)
5	USB connector (SW Upgrade)

Software Upgrade

Software Upgrades for DA1280 can be downloaded via USB connector and USB cable to PC. Please search your Supplier's website to get information about such Software Upgrades.

FAQ: Questions and Answers

Please visit also the website of your dealer and/or manufacturer to get actualised information and FAQs about DA1280.

problem	root cause	remedy
no line, no signalling, no dialling possible	The analogue terminal is not properly connected to DA1280 current line is occupied by further devices	Crosscheck cable and connectors between DA1280 and connected wait till line is free
No DECT Link to BASE.	DA1280 is not (properly) registrated to DECT BASE. LED2 (DECT LED flashes red) DECT Base is switched OFF	Execute Registration and take care about proper PIN of Base Reduce the position of DA1280 to Base till LED2 = GRÜN Switch-ON DECT Base and wait several seconds
DECT Registration does not work	DECT Base is not in Registration Mode. PIN code is wrong	Activate Registration Mode of DECT Base . Use Registration via Configuration Codes **801*{PIN}# or change OIN of Base into -PIN auf „0000" and repeat Registration
You can hear Dial signalling tone, but dialling is not executed.	Transparent Mode is ON .	switch >OFF Transparent Mode via Configuration Code **805*0#

Security Advices

Make sure your DA1280 is not exposed to heat and interference from electrical devices e.g. motors and transformers.

DA1280 shall be not be placed close to metallic walls.

Place DA1280 in wall sockets only with LEDs on top.

Protect your DA1280 from wet conditions, dust, aggressive liquids and acrid fumes.

Use soft and wet wipes for cleaning the product. Never use detergents.

Only qualified and authorised service personal are allowed to open and repair the product.

If you hand the product to further person, do not forget to hand this manual with the product.

Warranty

Your dealer warrants for 2 years for material and manufacturing quality of the product. Appointed date is the date of Buyer's receipt.

The Buyer has the right for repair or replacement.

Returned and replaced products will pass its property to the Seller. In case of defects Buyer has to immediately inform the Seller about such defects.

Warranty claims must be made evident via original receipt.

Any defect caused by incorrect handling, usage and caused by physical stress or other incorrect environmental conditions are not subject to warranty claims.

Recycling

Please contact your Dealer regarding Recycling of your product. In no case get disposed of your product via household garbage.

Manual for DA1280   DECT analogue PLUG

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Editor

DOSCH&AMAND Products GmbH Munich

CE Conformity

This Device complies with the requirements of the EU directives: 2004/108/EC (directive of the European Parliament and of the Council on the approximation of the laws of the Member States relating to electromagnetic compatibility and repealing Directive 89/336/EEC) and 2006/95/EC (the directive of the European Parliament and of the Council on the approximation of the laws of the Member States relating to electrical equipment designed for use within certain voltage limits). The conformity with a.m. rules is confirmed by the CE sign. The CE Conformity with the o. a. directives is confirmed by the CE mark. The EC declaration of conformity can be viewed at the following address:

DOSCH&AMAND Products GmbH, Neumarkterst. 18, 81673 Munich

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Technical Support

More technical support can be supplied via Service Number of your Dealer Please consult the Dealer's website for respective Tel Number.