

DECT-S0-Base plus



About this Manual

The content of this manual is valid for the product shipped with default settings. Should new software, made available from the manufacturer, being loaded then some parts of this manual may no longer be appropriate.

User Instructions

The AGFEO DECT-S0-Base plus is for use with the following AGFEO Telephone Systems from Firmware 6.0:

AS 1x, AS 2x : One DECT-S0-Base can be connected to the system.

AS 3x, AS 35, AS 35 All-In-One : Two DECT-S0-Bases can be connected to the system.

AS 40P, AS 4000, AS 100 IT : Two DECT-S0-Bases can be connected to the system.

AS 43, AS 45, AS 200 IT : Two DECT-S0-Bases can be connected to the system.

DECT-S0-Base plus

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The AGFEO DECT-S0-Base plus

AGFEO's DECT-S0-Base Stations are external DECT Transceivers. Up to two units can be connected to the system from firmware 6.0 via a standard ISDN connection cable. (see also user instructions)

Please note in order to obtain maximum performance from the DECT-S0-Base plus you must ensure that no other ISDN device is connected to the same S0-Bus. Otherwise handset availability and outgoing calls may be impaired.

Up to eight AGFEO DECT System Phones or other GAP compliant DECT Handsets may be connected to the DECT-S0-Base plus. However, only four of these can be used at the same time. The bases can be installed of up to 150 metres away from the telephone system. In case of a point to point connection the base may be of up to 800 metres away from the telephone system.

DECT-S0-Base plus

Box Content:

This box should contain the following items:

- 1 DECT-S0-Base plus
- 1 Fixing Material (2 Wall Plugs S6, 2 Wood Screws(Philips Screw 4x40))
- 1 1,5 m ISDN-Connection Cable (IAE-IAE)
- 1 Instruction Pack
- 1 Plug In Power Supply (Order No: 1541265)
- 1 CD containing software pack TK-Suite

User instruction in PDF-Format can be found at our Homepage www.agfeo.com

Location

Please install the DECT-S0-Base plus in a dry room free of any explosive materials. Do not install the unit near air conditioners, radiators, apparatus with high interference, in direct sunlight, high dusty environments or where the unit could be subjected to water or chemical spills.

Ambient Temperature: +10°C to +40°C

Humidity: max. 70 % (none condensing)

Please pay attention that the DECT-S0-Basis plus is not directly fitted to any metal object. Also, the distance of water pipes and mains cable should be at least 20 cm. (8 inches)

230 V Mains Supply

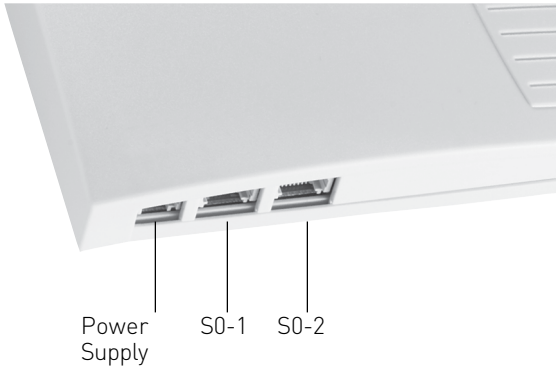
Please use the plug-in power supply (Order No. 1541265) for installation with long cable runs or high cable resistance.

Wall Mounting

- Mark two horizontal drill holes with a distance of 130 mm.(5.2 inches)
- Before drilling make sure that the wall have no hidden pipes such as gas, water or any mains cables.
- Drill two holes.
- Insert the wall plugs so that they will be flush to the wall.
- Fit the screws so that the distance between wall and screw head is approx. 4 mm.
- Hang the DECT-S0-Base onto the screws, then pull the unit downwards as far as it will go.

DECT-S0-Base plus

DECT-S0-Base plus Connections



LED's of the DECT-S0-Base plus



The AGFEO DECT-S0-Base plus has 5 LED's which will give information of the operational status.

LED 1:	on:	First B channel of the first S0 is busy.
LED 2:	on:	Second B channel of the first S0 is busy.
LED 3:	flashing slow:	Base unit is in registration mode.
	flashing fast:	Base unit is not operational.
	constantly lit:	Base unit is operational.
LED 4:	on:	Second B channel of the second S0 is busy.
LED 5:	on:	First B channel of the second S0 is busy.

Other Information:

- Running lights of all LED's: DECT-S0-Base plus is being updated.
- All LED's are flashing: The telephone system denied registration of the DECT-S0-Base plus.
- LED 4 and 5 are flashing: The registration of the second S0 was denied by the telephone system.

DECT-S0-Base plus

Connecting the DECT-S0-Base plus to the Telephone System

Using the enclosed S0-cable connect the DECT-S0-Base plus to an internal S0-Bus of the telephone system. The first S0 of the DECT-S0-Base plus must always be connected to the system, the second S0 is optional. Should the cable length exceed 150 metres, then the enclosed power supply unit must be connected.

Please note in order to obtain maximum performance from the DECT-S0-Base plus you must ensure that no other ISDN device is connected to the same S0-Bus. Otherwise handset availability and outgoing calls may be impaired.

The telephone system will recognise a DECT-S0-Base plus automatically as soon as it is connected to the system. Should a DECT-S0-Base plus had been previously connected to the S0 Bus then this will be overwritten. The telephone numbers and names will not be deleted. However, handset will have to be reregistered.

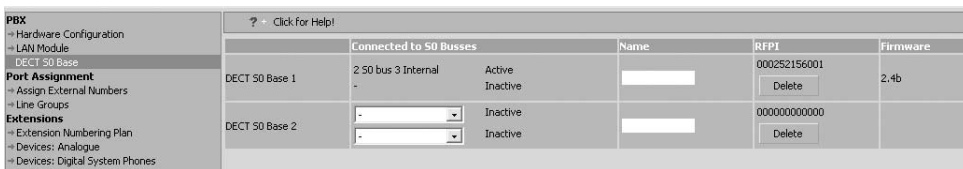
The telephone system will recognise the same DECT-S0-Base plus if this is connected to another S0-Bus of the system and will reregister the previous settings automatically.

Commissioning

After the connection of the DECT-S0-Base plus read the system programming record using TK-Suite.

In „PBX/Hardware Configuration“ the item „DECT S0 Base Connected“ should now be seen as ticked.

In addition the DECT-S0-Base plus can be seen as activated in the section „PBX“ and „DECT-S0-Base“. In here you may also enter a name for the DECT Base, view the allocated RFPI number and to which S0-Bus the DECT-S0-Base plus has been connected.



The screenshot shows the TK-Suite software interface. On the left is a navigation menu with options like 'PBX', 'Hardware Configuration', 'LAN Module', 'DECT S0 Base', 'Port Assignment', 'Assign External Numbers', 'Line Groups', 'Extensions', 'Extension Numbering Plan', 'Devices: Analogue', and 'Devices: Digital System Phones'. The main window title is '? - Click for Help!'. Below the title is a table with columns: 'Connected to S0 Buses', 'Name', 'RFPI', and 'Firmware'. There are two rows of data for 'DECT S0 Base 1' and 'DECT S0 Base 2'. The first row shows '2 S0 bus 3 Internal' with 'Active' and 'Inactive' checkboxes, a name field, RFPI '000252156001', and a 'Delete' button. The second row shows a dropdown menu, 'Inactive' checkboxes, a name field, RFPI '000000000000', and a 'Delete' button.

	Connected to S0 Buses	Name	RFPI	Firmware
DECT S0 Base 1	2 S0 bus 3 Internal - Inactive	<input type="text"/>	000252156001 <input type="button" value="Delete"/>	2.4b
DECT S0 Base 2	- Inactive - Inactive	<input type="text"/>	000000000000 <input type="button" value="Delete"/>	

¹⁾ The RFPI (Radio Fixed Part Identity) is a worldwide used standard and a unique recognisable number which identifies the DECT-S0-Base plus. This number can also be found on the label of the DECT-S0-Base plus.

DECT-S0-Base plus

Commissioning

Extension numbers, either for handsets which are already registered or will be registered to the base can be allocated in the section: „Extensions / Devices: DECT“. The entry in the column „Phone Type“ will be allocated automatically by the telephone system. (ie AGFEO DECT 30 or DECT GAP Phone).

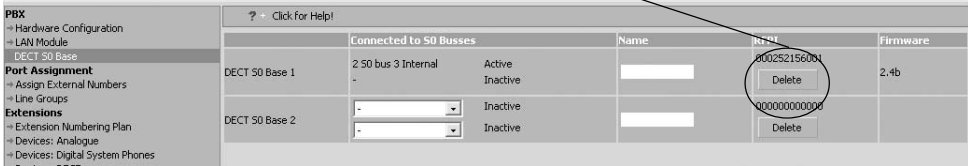
The screenshot shows a web-based configuration interface for DECT. On the left is a navigation menu with categories like PBX, Port Assignment, Extensions, Calls Incoming, Calls Outgoing, Phone Settings, and System Call Log Settings. The main area is titled 'DECT' and contains a table with two sections for 'DECT 50 Base 1' and 'DECT 50 Base 2'. The first section is labeled '2 SO bus 3 Internal' and lists 8 handsets. The first handset, 'DECT Handset 1', has its 'Extn. No.' set to 'P. Klapper (41)' and its 'Phone Type' set to 'DECT 30 (Active)'. The other handsets have empty extension number fields and dropdown menus for phone type. The second section, 'DECT 50 Base 2', lists 8 handsets with empty extension number fields and dropdown menus for phone type.

DECT 50 Base	Extn. No.	Phone Type
DECT 50 Base 1		
2 SO bus 3 Internal		
DECT Handset 1	P. Klapper (41)	DECT 30 (Active)
DECT Handset 2	-	-
DECT Handset 3	-	-
DECT Handset 4	-	-
DECT Handset 5	-	-
DECT Handset 6	-	-
DECT Handset 7	-	-
DECT Handset 8	-	-
DECT 50 Base 2		
DECT Handset 1	-	-
DECT Handset 2	-	-
DECT Handset 3	-	-
DECT Handset 4	-	-
DECT Handset 5	-	-
DECT Handset 6	-	-
DECT Handset 7	-	-
DECT Handset 8	-	-

DECT-S0-Base plus

Delete Registration of DECT-S0-Base plus from Telephone System

To delete a DECT-S0-Base plus from the telephone system go to the section „PBX / DECT S0 Base“ and click the „Delete“ button. All associated entries such as extension number(s) and name of base will also be deleted.



The screenshot shows a web-based configuration interface for a PBX system. On the left is a navigation menu with categories: PBX, DECT S0 Base, Port Assignment, Extensions, and Devices. The main area displays a table for DECT S0 Base configurations. The table has columns for 'Connected to S0 Busses', 'Name', 'Status', 'Extension Number', and 'Firmware'. Two entries are shown: 'DECT S0 Base 1' and 'DECT S0 Base 2'. The 'Delete' button for 'DECT S0 Base 1' is circled in red, and a line points from the text above to it.

	Connected to S0 Busses	Name	Status	Extension Number	Firmware
DECT S0 Base 1	2 S0 bus 3 Internal -		Active Inactive	000252156001	2.4b
DECT S0 Base 2	- -		Inactive Inactive	000000000000	

If the existing DECT-S0-Base is not deleted but only disconnected from the telephone system and a different DECT-S0-Base will be connected in its place, then all settings such as extension name and numbers will be transferred to the new DECT-S0-Base. However, all handsets would have to be reregistered to the base.

DECT-S0-Base plus

Register Handsets to the DECT-S0-Base plus

Your DECT Telephone may be registered to a pre-programmed location in the DECT-S0-Base plus. It would make sense to assign names to the 8 locations within the DECT-S0-Base plus via TK-Suite as this will ensure that this location will be definitely allocated to the registering handset. The handset will then automatically receive the preprogrammed extension number and name.

Register a specific DECT Handset

Initiate programming mode.

If more than one DECT Base is operated on your telephone system then select the base to which the handset should be registered.

Confirm selection by pressing „enter“ or „OK“.

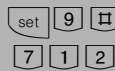
Select the location within the DECT Base to which you want to register your phone. Confirm selection by pressing „enter“ or „OK“.

The DECT base unit will now be switched to registration mode. Continue with the registration as it is described in the manual of the telephone handset. Should a PIN be requested then enter the programming PIN of the telephone system. (In default 2580)

ST 25

ST 30 / ST 40

DECT 30



Register a DECT Handset

Initiate programming mode.

If more than one DECT Base is operated on your telephone system then select the base to which the handset should be registered.

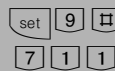
Confirm selection by pressing „enter“ or „OK“.

The DECT base unit will now be switched to registration mode. Continue with the registration as it is described in the manual of the telephone handset. Should a PIN be requested then enter the programming PIN of the telephone system. (In default 2580)

ST 25

ST 30 / ST 40

DECT 30



DECT-S0-Base plus

Deregister Handsets from the DECT-S0-Base plus

Initiate programming mode.

Use „next“ or the arrow button to select the phone which is going to be deregistered.

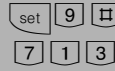
Confirm selection by pressing „enter“ or „OK“.

The handset is now being deregistered.

ST 25

ST 30 / ST 40

DECT 30



next



enter



Firmware Update of the DECT-S0-Base plus

New firmware may be loaded into the DECT-S0-Base plus as and when this becomes available. The download will be requested from the telephone number as entered in TK-Suite under „Special Functions / Maintenance / Number of Update Server“.

This function can be initiated from your System Phone:

Initiate programming mode.

If more than one DECT Base is operated on your telephone system then select the base which should receive the firmware update.

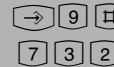
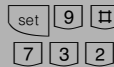
Confirm selection by pressing „enter“ or „OK“.

The update server is being called and the update will now be carried out. The display of the system phone will show the update progress.

ST 25

ST 30 / ST 40

DECT 30



next



enter



EU-Konformitätserklärung

EC-Declaration of Conformity
CE-Déclaration de Conformité

Der Hersteller: AGFEO GmbH & Co. KG

The Manufacturer:
Le Constructeur:

Adresse: Gaswerkstr. 8
D - 33647 Bielefeld

Address:
Adresse:

Erklärt, dass das Produkt: DECT S0-Basis plus

Declares that the Product:
Déclare que le Produit:

Type: DECT-Basisstation

Model: DECT S0-Basis plus

Komponenten: -----

die grundlegenden Anforderungen gemäß Artikel 3 der nachstehenden EU-Richtlinien erfüllt:

meets the essential requirements according to article 3 of the following EC-Directive:
est conforme aux exigences essentielles d' article 3 de la Directive CE:

**Richtlinie 1999/5/EG des Europäischen Parlaments und des Rates vom 09. März 1999
über Funkanlagen und Telekommunikationsendeinrichtungen und die gegenseitige
Anerkennung ihrer Konformität**

Directive 1999/5/EC of the European Parliament and of the Council of 09 March 1999 relating to radio and telecommunications terminal equipment, including the mutual recognition of their conformity
Directive 1999/5/CE du Parlement européen et du Conseil du 09 mars 1999 concernant les radio et équipement terminaux de télécommunications, incluant la reconnaissance mutuelle de leur conformité

und dass die folgenden harmonisierten Normen angewandt wurden:

and that the following harmonised standards has been applied:
et que les standards harmonisés suivants ont été appliqués:

EN 301 406 V1.5.1 (2003)
EN 301 489-6 V1.2.1 (2002)

Bielefeld, 22. März 2006

Ort und Datum der Konformitätserklärung
Place and date of the declaration Lieu et date de la déclaration

Phone : +49(0)5 21 44 70 9-0
FAX : +49(0)5 21 44 70 9-50


Name und Unterschrift
Name and Signature Nom et Signature



The crossed out wheeled bin on the product means that this belongs to the group of Electro- and electronic apparatus.

In this context you are directed by the European regulation to dispose of used apparatus

- at the point of buying an item of equal proportion / value
- at the local available collection point for disposal

With this you will participate in the reuse of material and valorisation of disused electric- and electronic apparatus, which otherwise could be a health hazard and be negative to the environment.



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AGFEO GmbH & Co. KG

Gaswerkstr. 8

D-33647 Bielefeld

Internet: <http://www.agfeo.com>