# System telephone extension  STE 30

## User Manual

**AGFEO**
einfach | perfekt | kommunizieren

# AGFEO System telephone extension STE30

## Intended use

The system telephone extension STE30 is intended for used in an AGFEO ISDN telecommunication system AS 40, AS 40P, AS 3X and in conjunction with system telephone ST30 or the DECT30 system cordless phone.

## Safety instructions

- Do not connect or remove the connection wires of the STE30 during a storm.
- Route the connection wires of the STE30 so that no-one can step on them or trip over them.
- Ensure that no liquids enter the interior of the system telephone extension. This could result in short circuiting.

## About this manual

This manual explains how to commission and operate system telephone extension STE30 in short form. See the Operating Instructions of your telecommunication system and your system telephone for further explanations of the features and operation of the telecommunication system.

# Introduction

The STE30 system telephone extension expands your ST30 system telephone or the wireless DECT 30 system cordless phone by an additional 30 LED supported function keys.
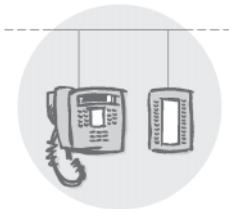
The system telephone extension STE30 can be run on any S0 of the AGFEO telecommunication systems AS 40, AS 40P and AS 3X. The STE30 functions on the D channel only, which means that 2 other digital terminals can be run on this S0 without blockage. It is assigned to a system telephone by programming. Max. 4 STE30 units can be assigned per system telephone.
The STE30 is aesthetically matched to the ST30 system telephone and the two can be combined to one unit using two connecting clips.
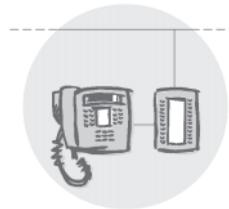
**Package content:**

- 1 system telephone extension STE30
- 1 connection cable (short)
- 1 S0 - connection cable
- 2 connecting clips
- 1 operating instructions + label strips

The system telephone extension STE30 can be run directly at the ST30 system telephone or remotely.

Remotely means:
The STE30 is run on any internal ISDN connection, and there is no direct connection (via connection wire) to the system telephone e.g. DECT30 system cordless phone. The system telephone extension STE30 is assigned to the respective system telephone via programming.

Direct means:
The STE30 is connected to the ST30 system telephone via connection wire. For this, remove the ISDN connection cable from the ST30 and connect it to the STE30. The short connection cable supplied acts as a plug-in connection between the STE30 and ST30. The system telephone extension STE30 is assigned to the respective system telephone via programming.

# Commissioning

**Connecting the STE30 system telephone extension directly**

On the underside of the STE30, there are 3 western sockets, the S0 telecommunication socket (connection to the S0 socket of the system), the ST(E) S0 socket (connection to the ST30) and the AUX socket. The AUX socket is intended for further extensions and cannot be used at the moment.
Proceed as follows:
-   Remove the S0 system cable on the ST30 system telephone by pressing the latch hook on the western plug towards the plug body and pulling the plug out by the cable.
-   Insert the western plug into the socket marked S0-TK on the underside of the STE30 until it latches into place audibly.
-   Lay the cable in the cable channel on the underside of the STE30.
-   Insert the western plug of the short cable supplied into the socket marked S0-ST(E) on the underside of the STE30 until it latches into place audibly.
-   Insert the other western plug of the short cable for direct connection into the socket of the ST30 system telephone marked S0-System.
-   Lay the cable in the cable channel of the STE30 and ST30 on the underside of the device in question.
-   You can connect your STE30 firmly to your ST30 system telephone using the connecting clips supplied.

If you want to connect several STE30 (up to 4 STE30 units per system telephone, max. 8 STE30 units can be connected per telecommunication system) units to one system telephone, loop one STE30 to the next STE30.
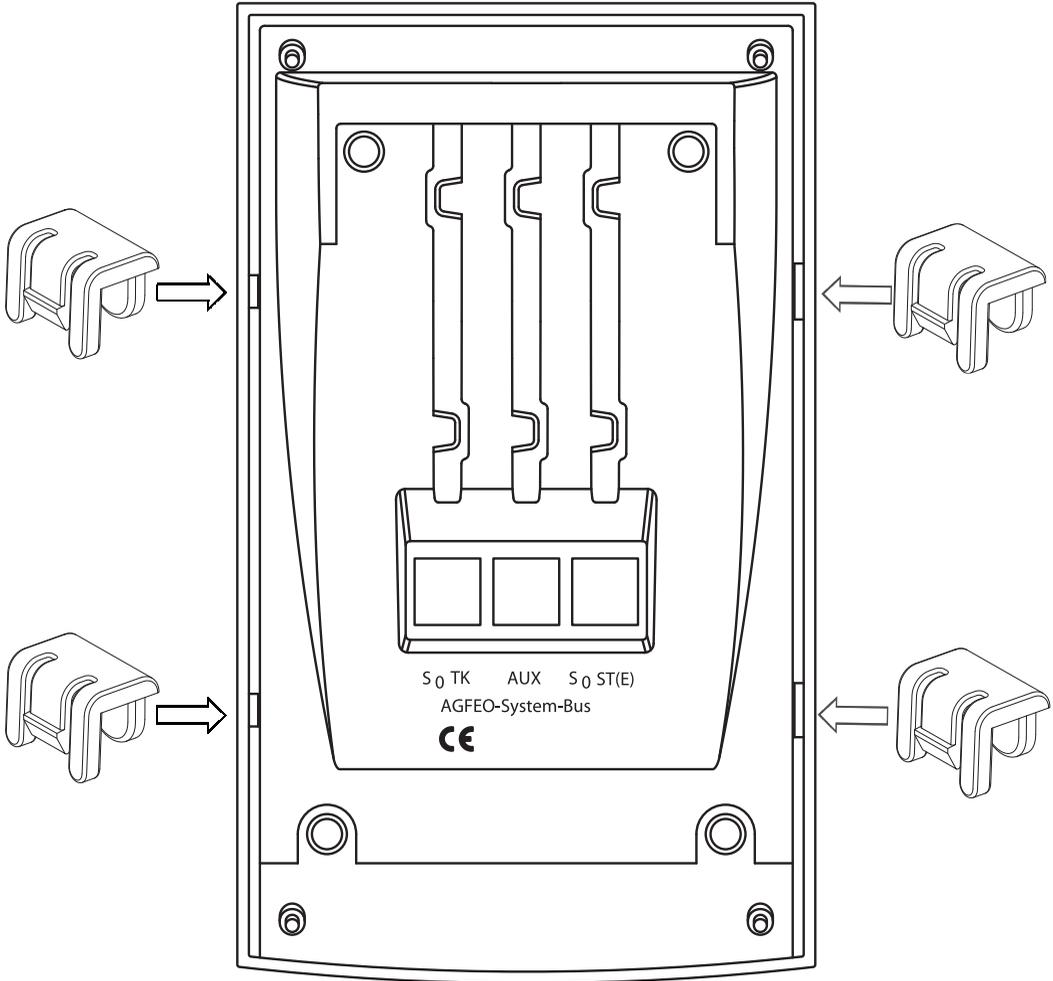Assign the STE30 to the system telephone in the log-on procedure (p. 6).

**Connecting the STE30 system telephone extension remotely**

-   Insert the western plug of the S0 connection cable supplied into the socket marked S0-TK on the underside of the STE30 until it latches into place audibly.
-   Lay the cable in the cable channel on the underside of the STE30 to minimize pull on the socket.
-   Insert the other western of the S0 connection cable into an ISDN socket of the internal ISDN connection of your AGFEO telecommunication system, until it latches into place audibly.
-   To release the ISDN connection cable, press the latch hook of the western plug towards the plug body and pull the plug our by the cable

Assign the STE30 to a system telephone in the log-in procedure (p. 6).

# Commissioning

$S_0$ TK    AUX    $S_0$ ST(E)

AGFEO-System-Bus

$C \epsilon$

# Commissioning

## Log-on STE30 system telephone extension

After you have connected the STE30, you must log it on to the respective system telephone STE30 or DECT30 system cordless phone. When logging on, you assign an unused STE index (1-8) which is also in the TK-STE30 configuration program as an ID. Proceed as follows:
Start programming on the respective ST30 system telephone or DECT 30 system cordless phone.

Start programming
"Log-on STE30" menu

Select an unassigned STE index (1..8) using the arrow keys

You can also use the number keys 1-8.

Confirm the selection by pressing "OK".

Start the log-on process on the STE30:

Press the lower left function key on the STE30 for more than 2 seconds to identify the unit.
This STE30 is now assigned to the selected STE index.
The log-on process is indicated visually by a flashing light.

Press "OK" to confirm the STE30 log-on process

Close programming.

**DECT30**

ALT ⬦ 9 ♯ 9 2

Enter system PIN if necessary.

< >

⊞ 1-8

OK

**ST30**

→ 9 ♯ 9 2

Enter system PIN if necessary.

◄ ►

⊞ 1-8

OK

**STE 30**

OK      OK

📞      →

# Commissioning

## Querying STE30 status

The "STE30 status" menu enables you to check whether STE30 system telephone extensions are logged on, and which index has been assigned. Start programming on the respective ST30 system telephone or DECT 30 and press "OK" to confirm. The index numbers assigned are shown in the display. The STE30 units indicate their index by illuminated LED's in the right row, the number of LED's lit is the index number. If no LED lights, the STE30 is not logged on.

Close programming.

**DECT30**

ALT ⇨ 9 ⌘ 9 1

Enter system PIN if necessary.

📞

**ST30**

→ 9 ♯ 9 1

Enter system PIN if necessary.

→

## Logging off the STE30

A log-on can be canceled at any time. To do so, open the "Log off STE30" menu on the system telephone in question. Start programming on the respective ST30 system telephone or DECT 30 system cordless phone.

Start programming -

"Log-off STE30" menu

The STE30 units which are logged on are displayed **Selection** - Using the arrow keys, select the index of the STE30 to be logged off and press "OK" to confirm. The STE30 is logged off.

Close programming.

You can check whether the unit has been logged off using the status query.

**DECT30**

ALT ⇨ 9 ⌘ 9 3

Enter system PIN if necessary.

< > OK

📞

**ST30**

→ 9 ♯ 9 3

Enter system PIN if necessary.

◄ ► OK

→

# Operation

## Function key assignment

On delivery, all function keys on the STE30 system telephone extension are assigned the "public speed dial key" function. You can choose which function each key is to have, and program these functions. All functions can be called up simply by pressing the corresponding key. As usual, each function is shown on the display of the system telephone assigned to the STE30. The status of each key is also shown by the corresponding LED.

| | |
|---|---|
| Activate answering machine[3] | Switches ST30 answering machine module on/off |
| Answering machine memo/message[3] | Records call / records ST30 answering machine message |
| Reject[3] | Rejects current call. The caller hears an busy tone. |
| Reject call waiting[2] | Switches off call waiting/call waiting tone. Busy tone for caller. |
| Do not disturb[2] | Switches off call tone (silent telephone) - caller hears busy tone. |
| Call variant 2 night[2] | Switch on/off call variant 2 (night setting). |
| Call variant 3 relaying[2] | Switch on/off call variant 3 (call relaying). |
| Spoken message | Spoken message via loudspeaker system. |
| Busy on busy[2] | Caller hears busy tone if one subscriber is busy when the call is distributed. |
| Call by call | Selects a network operator, taken from LCR. |
| Message[2] | Spoken message to system telephones. |
| Units | Displays call charge. |
| Call tracing | Identifies malicious caller via ISDN exchange. |
| Remote retrieval | Remote retrieval of answering machine messages. |
| External call | Calls a number for another subscriber, e.g. for the exchange via front office. |
| Group key | Entry in/cancellation from a group and its features. |
| Headset[3] | Headset operation |
| Pick up | Picks up external calls |
| Incognito | Switches off transmission of number to call receiver. |
| Internal key[2] | Dials internal subscribers. |
| ISDN holding | Holds an external call in the ISDN exchange (only for multiple subscriber systems). |
| ISDN relay | Switches on/off ISDN call relaying. |
| Conference | Starts a conference with internal or external subscribers. |
| Loudspeaker volume[3] | Adjusts the loudspeaker volume. |
| LCR | Switches on/off LCR (Least Cost Routing) for your system telephone. |
| Line key | Trunk line request with a specified external number of the telecommunication system, picks up a call at this external number, toggle |
| Toggle | Toggles between several external connections |
| Memory[3] | Stores an external number from the display |
| MSN / external[2] | Transmits a specified external number (e.g. specific MSN) for an outgoing external connection, e.g. to separate charges for external calls. |
| Relay[1] [2] | Activates a relay. |
| Reserve[3] | Reserves a dialing line when all lines are busy. |
| Consultation call[3] | Starts consultation call, connect, toggling |
| Mute key | For a consultation call in the room, your caller cannot hear you, but you can still hear your caller. |

# Operation

## Function key assignment

| | |
|---|---|
| Telephone lock | Locks the system telephone, activates emergency call/direct call. |
| Appointment | Switches on/off appointment entered. |
| Timer | Switches on/off timer (timer control of telecommunication system functions, e.g. call variants, diversions, relays). |
| Call tone off | Your telephone indicates incoming calls visibly, but not audibly. The call tone is switched off and incoming calls can only be seen on the display of your system telephone. You can make calls as usual. |
| Door[1] [2] | Establishes a connection to the door intercom system. |
| Door strike[3] | Activates the electrical door strike. |
| Call transfer[2] | Transfers an external call to an external subscriber. |
| Divert from | Diverts all calls from another telephone to the current telephone. |
| Divert to | Diverts all calls to another internal or external subscriber. |
| Alarm call | Switches on/off the alarm call time entered. |
| Relay to[3] | Relays specific incoming calls to a number without receiving the call. |
| Speed dial key | Dials one of the saved numbers. |
| - public | - the number is saved in your telephone and in the telephone book. |
| - private | - Dials one of the saved numbers. The number is saved in your telephone only. |

1) Option only available if provided by the system; 2) Special function key can be set up;
3) Only available on ST30

## Change function key assignment

**DECT30**     **ST30**

Start programming on the respective ST30 system telephone or DECT 30 system cordless phone.

Starting programming - assigning function key

Press a function key (on the STE30) to select the one whose function you want to change

Enter the first letter of the function required, e.g. "S" for speed dial
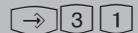or
browse to the function required.

Confirm selection

Close programming.

The function key has been re-assigned.

9

# Operation

| | LED on | LED off | LED flashing |
|---|---|---|---|
| **Reject call waiting** | Activated | Deactivated | |
| **Do not disturb** | Activated | Deactivated | |
| **Call variant 2 night**[2] | Activated | Deactivated | |
| **Call variant 3 relaying** | Activated | Deactivated | |
| **Busy on busy** | Activated | Deactivated | |
| **Group key** | Entered in the group | Cancelled from the group | |
| **Headset** | Activated | Deactivated | You are being called |
| **Incognito** | Activated | Deactivated | |
| **LCR** | Activated | Deactivated | |
| **Relay** | Relay on | Relay off | Relay is being called |
| **Mute key** | Activated | Deactivated | |
| **Telephone lock** | Activated | Deactivated | |
| **Appointment** | Activated | Deactivated | During appointment call |
| **Call tone off** | Activated | Deactivated | |
| **Door** | Connected to the door | Deactivated | During door call |
| **Divert from** | Activated | Deactivated | |
| **Divert to** | Activated | Deactivated | |
| **Alarm call** | Activated | Deactivated | |

# Operation

| | LED on | LED off | LED flashing (slowly) | LED flashing (quickly) |
|---|---|---|---|---|
| **Answering machine key** | The answering machine is on, the "Greeting text" function is being used. | The answering machine is off. | The answering machine is on, the "Message text" function is being used. | |
| **Internal key** | The internal subscriber is busy. It is being called or in a call. | | The internal key is assigned to an answering machine[1]. It has accepted a call. Press the key to accept the call. | You hold the internal subscriber (consultation call or toggling). Only you can re-establish the connection. |
| **Line key** | The line is busy, it cannot be seized. | The line is free and the subscriber can seize it as with the external key. | The line in a condition where anyone can accept the call. | The line is held and can only be accepted by this subscriber. |
| **Timer key** | The timer is on, the function is being used. | The timer is off and the function is deactivated. | The timer is on, the function is activated. | |
| **Speed dial key** | | Goes off as soon as someone accepts the call. | Flashes when the number calls. The call can be picked up by pressing a button. | |

**General information on the line key**

The line keys are only supported on ST30 or STE30 systems, as an assigned LED is absolutely necessary for them to function. Another condition for use is that two keys are always set for a line.

When a line key flashes, but the telephone is idle, you can obtain additional information on the line condition by pressing the flashing key (e.g. number of caller). Press the flashing line key when you have picked up the receiver to accept the call.

1) Only applies for answering machines on the internal S0 or analog port

11

# Appendix

## Specifications

Where to install
Install the STE30 in a suitable area. Please note the following points when installing:
- Do not install the STE30 where it could be splashed by water or chemicals.
- STE30 plastic feet:
  The device was manufactured for normal operating conditions. Chemicals used in the production or care of furniture can lead to changes in the feet of the device. Feet damaged by such external influences may leave unpleasant marks.
  We cannot accept liability for such damage, for understandable reasons. Use a non-slip base for your system telephone extension, especially for new furniture or re-lacquered furniture.
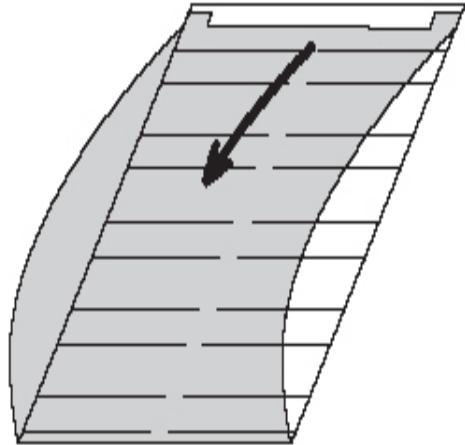
**Cleaning**
You can clean your system telephone simply. Observe the following points:
- Wipe the STE30 with a slightly damp cloth or use an anti-static cloth.
- Never use a dry cloth (static electricity could result in faults in the electronics).
- Ensure that no moisture enters the device.

**Inserting the labels for the function keys**

Insert your fingernails between the window and the device housing at the top. Pull the window down so that it bends. You can now remove it. Insert the label strip. You can print corresponding labels on a PC using the TK-STE30 configuration program. Re-insert the window in the groove at the bottom. Press down to bend the window. You can then insert it.

# Appendix

## Specifications

| | |
|---|---|
| Dimensions | l x b x h 210.6 x 125 x 82mm |
| Current consumption | max 0.8W |
| Ambient temperature | |
| - Operation / storage | 5°C to 40°C / -25°C to +70°C |
| Humidity | max 70% (condensation free) |
| Colors | Black / white |

## Troubleshooting

### Problem Solution

| | |
|---|---|
| The STE30 LED´s light from top to bottom continually | STE30 is not logged on properly. $\rightarrow$ Log on again. |
| When a key on the STE30 is pressed, it is not indicated on the system telephone display. | Check the STE30 assignment Status query |
| You want to assign the STE30 to another telephone. | 1. Logging off the old system telephone 2. Logging on to the new system telephone |
| You want to run an ST30 to which an STE30 is assigned on another S0. | 1. Logging off STE30 2. Connect ST30 to the other S0 |
| No LED on the STE30 lights up while connecting | Check cabling |

# Appendix

## 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:**     **STE 30**

Declares that the Product:
Déclare que le Produit:

**Type:**     **Systemtelefon-**
**erweiterung**

**Model:**     **STE 30**

**Components:**

**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 55022/1998**
**EN 55024/1998**

Bielefeld, 31. Mai 2001

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

Phone   : + 49 521-44 709 -0
FAX     : + 49 521-44 709-50

Name und Unterschrift
Name and Signature Nom et Signature

14

CE