System Telephone

Short directions for use

ST 30 System Telephone

Instructions for use

The digital system telephone ST 30 is intended for connection to an internal ISDN-Bus of an AGFEO ISDN-telecommunications system.

ST 30 can be connected to the following AGFEO ISDN-telecommunications systems:

- ISDN-telecommunications system of the AGFEO Com-Line plus AC 141 WebPhonie plus

- ISDN-telecommunications system of the AGFEO Basic-Line plus AS 141 plus, AS 191 plus

- ISDN-telecommunications system of the AGFEO Basic-Line AS 1x, AS 2x, AS 181

- ISDN-telecommunications system of the AGFEO Business-Line AS 33, AS 34

- ISDN-telecommunications system of the AGFEO Business-Line AS 3x

- ISDN-telecommunications system of the AGFEO Profi-Line AS 40, AS 40p, AS 4000

- ISDN-telecommunications system of the AGFEO Profi-Line AS 100IT

Your retailer will inform you of Software-Upgrades.

Liability for damages caused by unduly use of the digital ST 30 telephone system will not be taken by AGFEO GmbH & Co. KG.

Safety precautions

- Do not connect or disconnect the subscriber´s line of ST 30 during a storm.
- Lay the subscriber´s line in such away that nobody steps on or tripples over it.
- Take care that no liquids spill inside the digital system telephone.This can cause short-circuits.

About this Manual

This Manual is valid for the current system-firmware at the time of delivery.In case of a firmware-upgrade of the system, some parts of the manualcould lose their validity because ST 30 is controlled through the system. In this manual, the operation of ST 30 and the performance attributes of your AGFEO ISDN-telecommunications system are explained in summary. Detailed explanation is found in the directions for use of your telecommunications system. Please get information on operating the answering machine in ST 30 AM (System telephone ST 30 with the A-Modul 30) from a separate directions for use of the A-Modul 30.
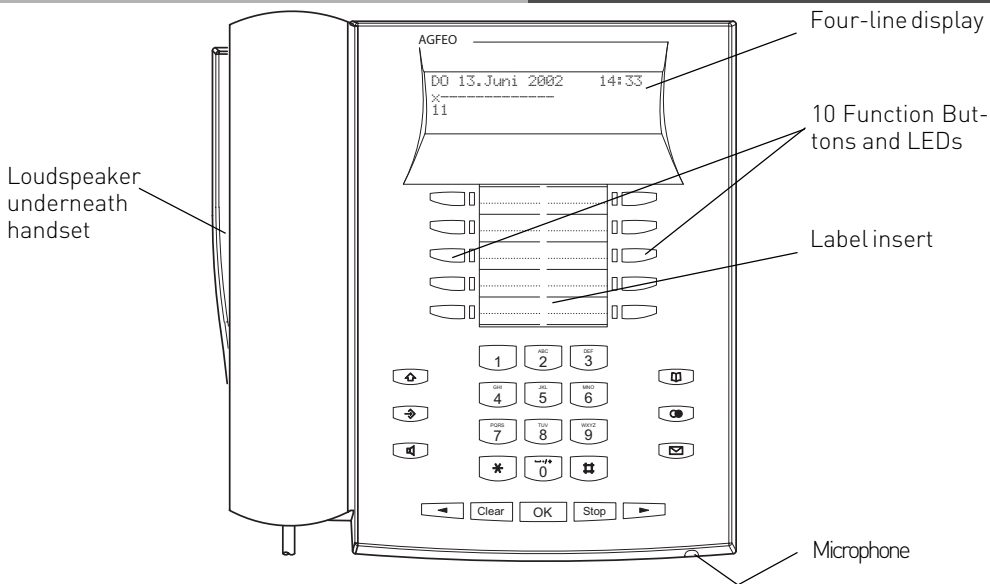
System Telephone
ST 30

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The ST 30 buttons

AGFEO

DO 13.Juni 2002   14:33
X————————————
11

Four-line display

10 Function Buttons and LEDs

Loudspeaker underneath handset

Label insert

Microphone

⊡ ⊡ Numeric Keypad

⊛ ⊞ * and # Buttons

⬯ Shift Button - To acces second level of function buttons to alternate between different modes of Phone Book retrievals and to change between upper and lower case letters.

⬰ Set Button - Start and end programming

⬤ Handsfree Button - Activates the Loudspeaker. Button lights up when activated.

◀▶ Arrow Buttons - To scroll through the display where there is more than one function.

Clear Clear Button - Clear an entry

OK OK Button - Confirm inputs

Stop Stop Button - disconnect or cancel an action

⬡ Phone Book Button - Retrieval of Telephone Numbers.

⬤ LNR - Last Number Redial Button

✉ Mail Button - Flashes on new entry in call log or missed calls. Stays lit for numbers already viewed. Clears when number is called or deleted from list by pressing clear button

⬭ 10 function Buttons - User programmable, two entries per Button (First & Second Level) LED indication only for first level.

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The ST 30 Display Panel

Display at standby:

```
01.January 2002   11:52
xiXI--        *?C?#@S
13 15 17 18 23 24 30 32
41 52
```

— Display of activated performance features

Display row 1: Date/ Time

Display row 2:

x   External ISDN-Line. One line (a B-channel) is busy. x indicates an external call.

X   External ISDN-Line.Both lines (both B-channels) are busy.

i   Internal ISDN-Line. One Line (a B-channel) is busy.

I   Internal ISDN-Line.Both Lines (both B-channels) are busy.

--   Both ISDN B-channels(internal or external) are free.

    Performance features:

    Browse with ◄►, Select with OK

    Call-wait on

✳   Do-not-disturb on

⇟   Diversion/ISDN-call forwarding activ

C   CVA 2 (Night service) on

⬚   Phone lock on

⬚   Wake-up on

⬚   Appointment on

S   Sensor activated

Display rows 3 and 4:

---- Indicator ´engaged` of internal subscribers(Internal status)
1st Variant - No internal subscriber has been set for Internal status (set 29):
Primary extension numbers of the engaged subscribers,ordered according to digit series,are shown (as in the example).The extension number flashes, as long as the internal subscriber is being called.The ´busy´ indicator shows up to 16 internal subscribers.

Using the Menu/ Status Display

Pay attention to the display when using the phone; you will be conducted through all the operation procedures. After setting the status display(status of the telephone system at the time of delivery),you´ll be offered the following connection functions in row 4 of the display while telephoning:
Answer, Park, Retrieve, Pick up call, Call-split, Handing-over, Call back, Conference, Query, Reject, Disconnect, Deflect to, Back, Complete and Door-opener.
You´ll at first be offered the most commonly used function. You get more by browsing with arrow-keys (yx). You can execute the displayed function with„OK".

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Overview of freely programmable Function Buttons

TAM on/off	To switch TAM module on or off of the ST 30 System Phone
Reject	Reject the ringing call. Caller will hear busy tone.
Call Waiting Deny	Switch Call Waiting on or off Special Function Buttons can be assigned Call Waiting Deny for 1st Extension Number Call Waiting Deny for 2nd Extension Number Call Waiting Deny for 1st and 2nd Extension Number
Do not Disturb (DND)	This will switch off the Tone Ringer Special Function Buttons can be assigned: -DND for Calls to the 1st Extension Number -DND for Calls to the 2nd Extension Number -DND for Calls to the 1st and 2nd Extension Number -DND for Extension Calls -DND for External Calls -DND for all Calls
Night Service (AVA 2)	To switch Night Service on or off Special Buttons can be assigned -Night Service seperately switchable for each line -Night Service for all lines
Call Forwarding	Switch on or off Call Forwarding Feature Special Buttons can be assigned -Switch for each incoming line of the system seperately -Switch for all incoming lines of the system together
Tannoy	Announcement via Public Address Amplifier connected to the Telephone System
Busy on Busy	Return Busy Tone to Caller if one Extension is Busy within Call Distribution Group. Special Buttons can be assigned -Busy on Busy for each Call Distribution Group swithcable seperately -Busy on Busy for call Call Distribution Group switchable together
Call by Call	To select Network Provider via LCR
Check In/ Check Out	Start / Stop the Call Cost at the touch of a button.
clr (clear)*	delete entries
Page (Tannoy)	Pageing Announcement to System Phones. Programmable function Button - Page specific Extensions.
Units	Display Call Cost
Call Capture	Malicious Call Identification via ISDN-Exchange
Remote functions	Sending of stored DTMF Tones (1..0 * #) for a remote interogation of a Telephone Answering Machine (TAM)
Remote Answer	Possible to make the ringing extension go off hook from another phone.
Group Button	Log in and out of Groups and their features
Headset	To use a Headset (only Digital System Phones)
Call Pick Up	To Pick Up incoming calls. Special Function Button can be assigned to Pick Up internal and external calls from specific extensions.

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Withhold	To withhold own number to be sent to a called party.
Internal Button	To Dial Extensions. Special function Button programmable: Call specific Extension
ISDN-Hold	To Hold an external call in the Telephone Exchange (only available on PTMP connection)
ISDN-Call Forwarding	To switch on or off the ISDN Call Fowarding feature.
Conference	To set up a Coneference Call with Internal and or External calls.
Speaker Volume	To set the Speaker Volume Level for Handsfree or On Hook use.
LCR	To switch Least Cost Routing (LCR) on or off for your System Phone.
Call Split	To talk to more then one External Call in turn. (Switch between them)
Brokers Call*	To talk to one internal and one external call at a time and without connecting them.
Memory	To store an external number displayed in the LCD.
MSN-External	To transmit another of your MSN numbers other the the one allocated to the Extension making the call. A special Button can be assigned for this feature.
Relays	To switch a Relays. A special function Button can be assigned.
Reserve	To reserve a line should all lines be engaged at the time.
Inquiry Call*	To establish or set up an Enquiry Call, a connection or a Brokers Call
Telephone Book*	To select a number out of the System Telephone Book
Telephone Lock	To Lock the System Phone and activate pr-set Emergency and Direct Call numbers.
Appointment	To set or cancel a preset Appointment Time
Timer	To switch on or off a Time based function, such as Day-Night Service, Call Forwarding, Relays etc. Button can be assigned for this function. 10 Timers are available. Timers are form 0 to 9.
Doorphone and Lock Release	Function Button can be assigned to connect to the Doorphone. Another Button can be assigned to activate Lock Release.
Transfer	To transfer and connect an external call to an external call.
Diversion from (Follow me)	To divert calls from another extension to a selcted extension.
Diversion to	To divert calls to another Extension or Outside number.
Wake Up	Set or cancel wake up time.
Call Deflection	To forward an incoming call during the ringing sequence to another number without having answered this.
Destination Button - Public - Private	To Call a preset Telephone Number - This number is stored in the Telephone System Memory - This number is only stored in your telephone

Note: *These are fixed Buttons available on the System Phones.

LED - Display for freely programmable function-keys

	LED on	**LED off**	**LED flashes**
Call-waiting denial	on	off	
Do-not-disturb	on	off	
CVA 2 Night Service	on	off	
CVA 3 Deflection	on	off	
Busy on Busy	on	off	
Group-key	on	booked out	
Headset	on	off	Telephone is being called
Withhold	on	off	
LCR	on	off	
Relay	Relay on	Relay off	Relay is being called
Mute-key	on	off	
Telephone lock	on	off	
Appointment	on	off	Appointment call
Ringer off	on	off	
Door	connected to door	off	Door-call
Diversion from	on	off	
Diversion to	on	off	
Wake-up	on	off	

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LED-Display for freely programmable function-keys

	LED on	LED off	LED flashes (slowly)	LED flashes (fast)
Answering-machine key	The answering machine is on, the function "Greetings" is being used.	The answering machine is off.	The answering machine is on, the function "Announcement" is being used.	
Internal key	The extension subscriber is busy. He is being called or he is calling.		The internal key is allocated to an answering machine1). It has taken the call. The call can be taken by pressing the key.	You are holding the internal subscriber (Query or Call-split).Only you can take the call again.
Line-key	The line is busy, it can not be used.	The line is free, and the subscriber can use it with an external-key.	The line is in a status for all to take the call.	The line is being held,and can be taken over only by this subscriber.
Timer key	The Timer is on,the function is off.	Both the Timer and the function are off.	Both, the Timer and the function are on.	
Target-key		goes off, as soon as somebody answers the call.	flashes,when the number calls.The call can be picked up by pressing a key.	

General information on the Line-key

The line-keys are supported by an ST 30 because an allocated LED is indispensable. Another condition for meaningful use is that, two keys are always installed for one line.In the „resting" status,you can get further information about the line by pressing a flashing line-key (e.g.the caller´s phone number). Press the flashing linen-key in the `pick up´ status, take the call.

1) Only valid for answering machine at analogous Port

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Programming function-keys

"set 31":initiate Programming .
Press function keys,whose funktions you want to change (if necessary,press the Shift-key in advance for Level2).The current funktion is displayed.Select function"set": End the programming.
The function key is reset.

⤷ 3 1

⌐⌐ OK

⤷

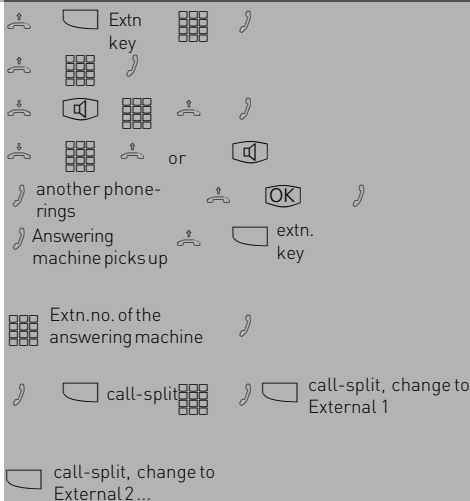## Global Call variant spontaneously with Internal

Extension calls	☎ ▭ Extn key ▦ ♪
External dialling	☎ ▦ ♪
Dial without picking up receiver	☎ ◁) ▦ ☎ ♪
Preparing and dialling	☎ ▦ ☎ or ◁)
Picking up external calls	♪ another phone-rings ☎ OK ♪
Taking answering-machine calls	♪ Answering machine picks up ☎ ▭ extn. key
	▦ Extn.no. of the answering machine ♪
Call-Split external/external *	♪ ▭ call-split ▦ ♪ ▭ call-split, change to External 1
	▭ call-split, change to External 2 ...

Global Call variant"0"

Extension calls	☎ ▦ ♪
External dialling	☎ 0 ▦ ♪
Dial without picking up receiver	☎ ◁) 0 ▦ ☎ ♪
Preparing and dialling	☎ 0 ▦ ☎ or ◁)
Picking up external calls	♪ another phone rings ☎ OK ♪
Taking answering-machine calls	♪ Answering machine picks up ☎ ▦ Extn.no. of the answering machine ♪
Call-Split external/external *	♪ ▭ call-split ▦ ♪ ▭ call-split, change to External1 ▭ call-split, change to External 2 ...

Functions indicated by „*" can also be accessed through the status display.
10
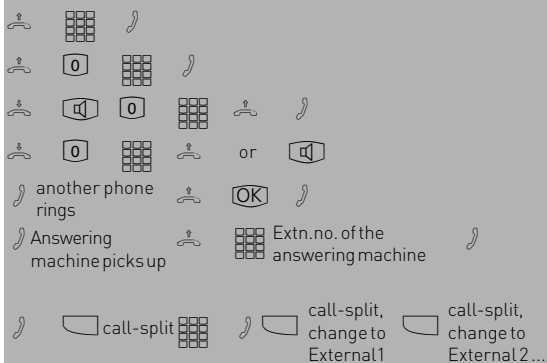
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Operation

Answer waiting-call *

   ♪ Waiting calltone   ⬜ Call-split,1.Call is being held,2.Call prevails

or   ☏ end current call,Call from wating call

Reject waiting-call *

  ♪ ▪▪ Waiting calltone   ⬜ Reject   ♪ Continue call

Initiate waiting-call/Callback

  ☏ ⊞ ▪▪ Extn.busy,call waiting   OK ☏ call-back initiated, whensubscriber still busy

Display Call Log

  ☏ ✉ OK 1.display entry   ► display furtherentries

  Clear delete entry   ☏ select number

Programming and switching on Do-not-

disturb

  → ⬜ do not disturb or 12   ⊞ 1.Extn.no. and/or 2.Extn.no.   OK

  ⊞ 1extn.on/off 2external on/aus   →

Handfree-calling

  ♪ 🕩 keep key pressed   ☏ 🕩 release key,call handfree

  🕩 press key again, end call

Memory-phone no./Name filing

  ☏ Phone.no/Namein Display → Store display   →

See status registration

  ☏ ► browse messages   Stop

Phone book (numerical)

  📖 phone book   ⬠ changeSorting ifnecessary   ⊞ enter logno.   ☏ ♪

Phone book(alphabetical)

  📖 phone book   ⬠ ⊞ first letter   ► ⊞ ifnecessary 2.letter ☏ ♪

Phone book (Vanity)

  📖 phone book   ⬠ ⊞ first letter   ⊞ ifnecessary 2.letter

Redial:

-simple

  ☏ 🔘 the last selected no. is displayed and dialled

-extended

  ☏ 🔘 the last selected no. is displayed   🔘 one of the last5 selected no. is displayed

  ☏ diplayed no. is dialled

-automatic

  ☏ 🔘 e.g.redial,or each displayed externalno.   OK autom. Redial begins

Functions indicated by „*¨ can also be accessed through the status display.

  ☏ when subscriber answers or   🕩

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⟶

1 Function

⇕
◁ ▷
⇕ Stop ⟵ OK
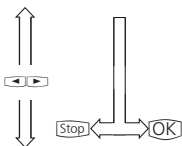
1	Call Variant 2/ Dorr Call Variant 2	(Nightservice on/off)
2	Do not Disturb	(internal/external, on /off)
3	Telephone Lock	(on/ off)
4	Call waiting	(on/ off)
5	Appointment Call	(Time/ Date and activate)
6	Wake Up Call	(Time, on/ off)
7	Diversion to	(to extension / external no., on/ off)
8	Diversion from	(from extension, on/ off)
9	Call forwarding	(on / off)
0	Room Monitor	(on/ off)
✱	Automatic Dialling/ Hotline	(on/ off)
#	Busy on Busy	(on/ off)

2 System Phone settings

1	Ringing Volume	(Set)
2	Ringing Tone or Pitch	(Set)
3	Display Contrast	1 Contrast
	....	2 Background Light (ST30 only)
4	Remote dialling	1 Remote Dialling (on/off/extension)
	....	2 CTI-dialling (on/off)
	....	3 Automatic Call (on/off)
	....	4 Automatic Mike (on/off)
5	Accustik Settings	1 Speaker Volume
	....	2 Headset Volume
	....	3 Receiver Volume
	....	4 Mike Volume Handsfree (ST 30)
	....	5 Mike Volume Receiver (ST 30)
	....	6 Mike Volume Headset (ST 30)
7	Telephone Lock (PIN)	(enter)
8	Cost Display	
9	Status Display	1 external Status
	....	2 internal Status
	....	3 Pop Up Menu
	....	4 Worldtime Clock (ST 30)
0	Display Language	(German / English / . . .)
✱	Call Log	1 external
	....	2 internal
#	External Line access	1 direct access
	....	2 Call with receiver on hook

3 Buttons / Names

1 Change Button assignment	
2 Change extension Name	

4 Destination Button

Destination Button .... (Number / Name)

5 Phonebook

1	Phonebook store a number	(Number / Name)
2	Phonebook change a number	(Number / Name)
3	Phonebook delete a number	(Number)
4	Enter Emergency Number	(Number)
5	Enter Direct Call Number	(Number)
6	Enter Automatic Dialling Number	(Number)

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Programming Tree

6 TAM and SMS   Refer to Manual A Module 30

7 Charges   1 Own Charges ....
                    2 Display/delete Charges
                    3 Print Charges ....
                    4 Record Call Charges Start ....
                    5 Record Call Charges Stop ....

8 ISDN-   1 ISDN call forwarding ....   (always/on busy/ on no reply)
Functions   2 Clip ....   (on/ off)
                    3 COLP ....   (on/ off)

9 Configure Sy- 1 Enter extension Numbers ....
stem   2 Record AIS Announcements ....   refer to AIS manual
                    * Codenumbers ....   1 System PIN
                    ....   2 Charge PIN
                    ....   3 Switchbox PIN
                    ....   4 Service PIN

                    # Maintenance/ Test ....   1 Firmware-Version
                    ....   2 Country Code
                    ....   3 enter Service Number
                    ....   4 System Reset
                    ....   5 Erase RAM Reset to delivery defaults)
                    ....   6 ST 25 / ST 30
                    ....   1 Version number
                    ....   2 registration
                    ....   3 deregistration
                    ....   7 DECT
                    ....   1 registration
                    ....   2 deregistration
                    ....   3 external Antenna
                    ....   4 Repeater
                    ....   5 Version
                    ....   6 Module allocation
                    ....   7 Module-Update
                    ....   9 STE 30
                    ....   1 Status
                    ....   2 registration
                    ....   3 deregistration
                    ....   4 Version number

* remote   Remote configuration ....
configuration

 # Version   Version ....   (System Type / Firmware Version)

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Place of installation

Install ST 30 in an appropriate place. Please pay attention to the following during the installation:
- Not in places,where the phone can be sprayed with water or chemicals.
- Synthetic support at the base of the phone:
  Your apparatus was manufactured for normal conditions of use.Chemicals used in the production or care of furniture can cause changes to the synthetic support of the phone. Such apparatus- supports changed by extraneous influence can leave behind unpleasant marks. Due to understandable reasons,liability for such damages can not be taken. Use therefore a non-slippery base for your phone,especially on new or freshly vanished furniture.

Cleaning

You can easily clean your phone. Pay attention to the following:
- Wipe the phone with slightly moist or antistatic cloth.
- Never use dry cloth (charging could lead to defective electronics).
- Take care by all means that moisture does not ooze into the phone
 (switch and contacts could be damaged).

Inserting inscription for the function keys

Use a finger-nail between the upper end of the window and the phone casing. Pull the window downwards until it buckles.

You can now take it out.

Insert the inscription strips. You can print corresponding lebels on your PC, using the TK-Set configuration programm.

Re-insert the window at the lower end in the recess for inlay.By pressing downwards,the window buckles and you can replace it.
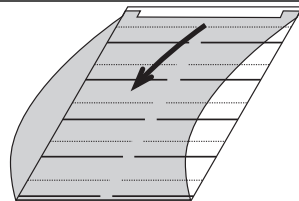
Connecting ST 30

- Insert the western plug in an ISDN-slot of the internal ISDN-connection of your AGFEO telecommunications system until it audibly clicks into place. To release the ISDN-connection cable,press (with a small screw-driver,if necessary) the notch-hook of the western plug in the direction of the plug-body and,at the same time, pull out the cable-plug.

Registering ST 30 extension numbers

Two digital ST 30´s can be connected to each internal ISDN-line of an AGFEO ISDN- telecommunications system.

During the configuration of the telecommunication system, each ST 30, like any other end appliance, is assigned a primary internal phone number and possibly a secondary one from the stock of telephone numbers of the telecommunications system.
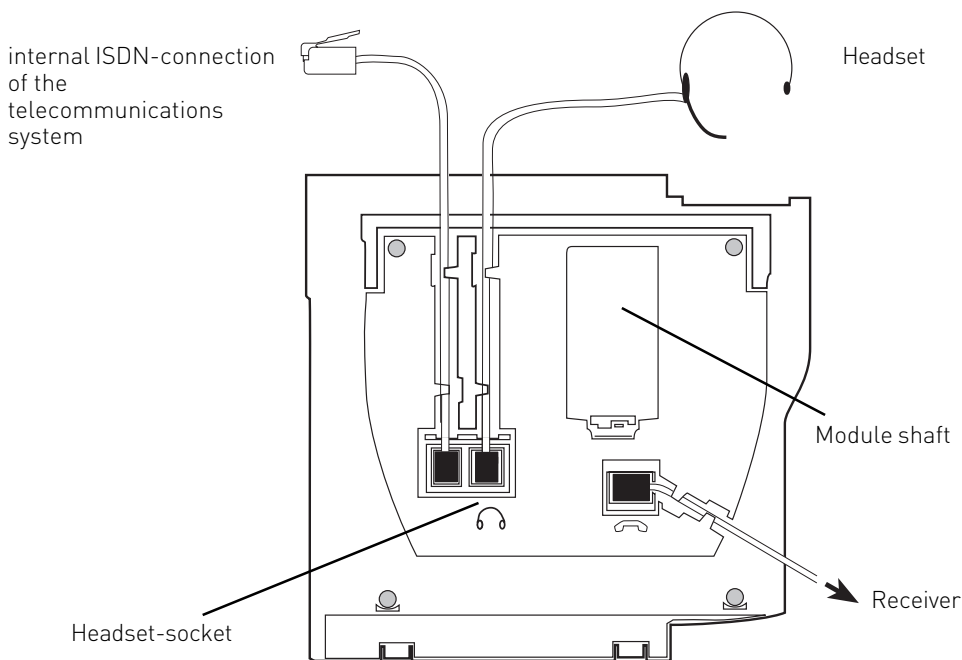
Headset

The ST 30 digital value-added telephone is equiped with a separate connection (Western socket) for a headset. Recommended Headset-Model: (Procurement from specialised retailers)

Manufacturer	Model	Manufacturer´s order no.
Plantronics	Supra Monaural Polaris Model P51 *	32190-04
	Tristar Model P81 *	33695-01
	* with subscriber´s cable U10P	38058-01
GN Nordkom	Profile monaural **	1861-15-03
	Optima NC monaural **	1913-29-01
	* with subscriber´s cable U10P	800-00-01

Connecting the headset

The western socket for the headset-connection is found on the underside of ST 30. The socket is marked with a receiver-symbol.
- Insert the headset-plug in the headset-socket until it audibly clicks into place.
- Lay the headset-cable in the cable channel on the underside of
  ST 30 to ease tension.
- To release the headset-cable, press (if necessary with a small screw-driver) the hook of the western plug in the direction of the plug itself at the same time pulling out the cable-plug.

internal ISDN-connection of the telecommunications system

Headset

Module shaft

Receiver

Headset-socket

Sockets on the underside of the ST 30 digital system telephone

15

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: ST 30

Declares that the Product:
Déclare que le Produit:

Type: **Systemtelefon**

Model: **ST 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, 12. Januar 2001

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

Name und Unterschrift
Name and Signature Nom et Signature

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

$C\!\in$