

A-Module 40

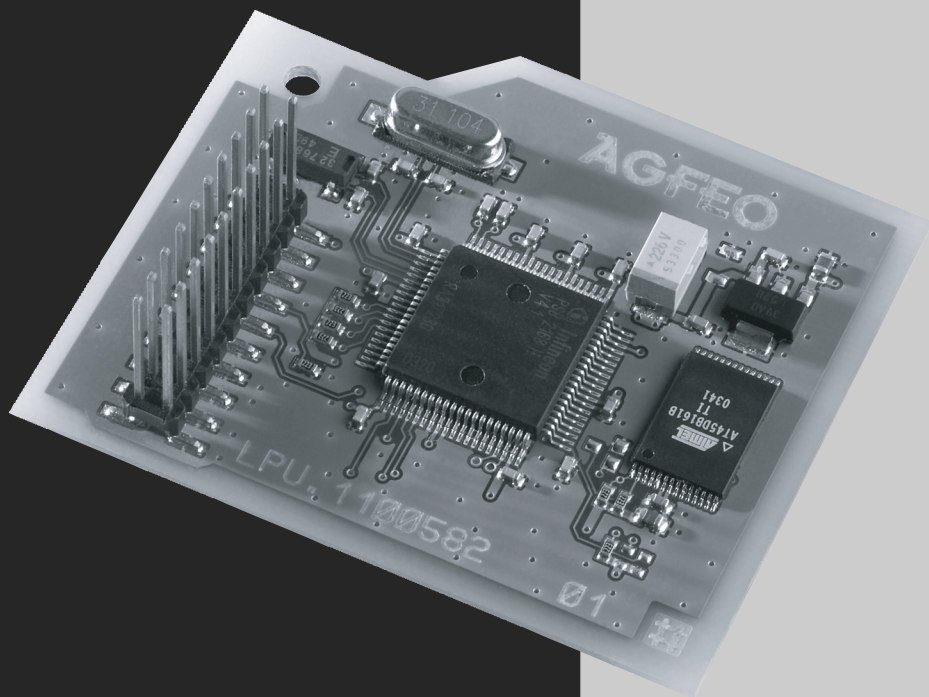
User Guide

Answering Machine

Upgrade for

System Phones

ST 31 and ST 40



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User Instructions

The operation of an A-Module 40 from Serial No. 12535 for an existing ST 31 or ST 40 System Phone will require a firmware of 1.1 or higher! How to update your ST 31 or ST 40 will be explained on Page 8 of this manual.

The digital System Phone ST 40 with an answering machine module A-Module 40 is available in S0- and UP0 versions and is designed for the connection to an ISDN-Bus or a UP0-connection of an AGFEO ISDN Telephone System.

The ST 40 with A-Module 40 can be connected to the following AGFEO ISDN Telephone Systems each with up to date firmware versions.

- ISDN-Telephone Systems AS 151 plus, AS 181 plus, AS 181 plus EIB (S0 Version Only)
- ISDN-Telephone Systems AS 281 All-In-One, AS 35, AS 35 All-In-One (S0 Version Only)
- ISDN-Telephone Systems AS 40P (with P 400-1), AS 4000 (with P 400-1), AS 100 IT (with P 400 IT) (S0 Version only)
- ISDN-Telephone Systems AS 43, AS 45, AS 200 IT (S0- and UP0 Versions)

The digital System Phone ST 31 with an answering machine module A-Module 40 is available in the S0 version only and is designed for the connection to an internal ISDN-Bus of your AGFEO ISDN Telephone System.

The ST 31 with A-Module 40 can be connected to the following AGFEO ISDN Telephone Systems each with up to date firmware versions.

- ISDN-Telephone Systems AS 1x, AS 2x, AS 151, AS 181
- ISDN-Telephone Systems AS 151 plus, AS 181 plus, AS 181 plus EIB
- ISDN-Telephone Systems AS 281 All-In-One, AS 35, AS 35 All-In-One
- ISDN-Telephone Systems AS 40P (with P 400-1), AS 4000 (with P 400-1), AS 100 IT (with P 400 IT)
- ISDN-Telephone Systems AS 43, AS 45, AS 200 IT

Up to date firmware versions may be looked up at our homepage at www.agfeo.de!

Your qualified AGFEO Dealer may also inform you of firmware upgrades. AGFEO GmbH & Co. KG will not accept any liability for damages resulting from an improper use of the digital system phone.

A-Module 40

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A-Module 40

Features

The A-Module 40 will upgrade the ST 40 and ST 31 System Phone to include a built in digital telephone answering machine (TAM). Recording and playback will be of the highest quality. The A-Module 40 can be fitted into the expansion slot underneath the telephone.

The Module has up to 6 different outgoing messages available. Each of them can be configured to be set to standard- or announcement only. In announcement only mode the caller will not be able to leave a message.

Following options are available:

- Number of Rings before the answering machine answers a call
- Call Screening listen to messages as they are being recorded
- Toll Saver TAM will answer in a shorter time period if no new messages are available

Each announcement can be switched on or off separately.

In addition each outgoing message can be set to:

- answer and accept messages or announcement only without recording messages
- set to answer for a specific line or all lines
- for a specific extension like a door phone or all extensions
- for all calls which are not specified for incoming or extension calls

should more than one announcement be configured for the same occurrence, then the announcement with the lowest allocation number will be played.

The required announcement can be set or cancelled via a menu, a function button, a timer function- or multi function button.

The answering machine will not answer if no announcement has been allocated to an incoming call and no PIN is programmed. If a PIN is set but no announcement is allocated then the answering machine will answer a call after 17 rings for an incoming call and 34 rings for an extension call.

An extension which is entered in 'Notification / Info to Systels' (Set 6141) will be able to listen to messages, delete them and also be able to set or cancel announcements.

Announcements can also be allocated to call filters in which case the call will be answered irrespective if the announcement is switched on or not.

A special feature of the answering machine is the interaction with other system phones like the ST 40, ST31, ST 30, ST 25 and ST 21. It is possible to call screen or listen to message from other system phones.

The A-Module 40 offers the following programming options:

- which system phones, extension number or hunt group will be able to listen to incoming messages (Info to Systels)
- if an outside number should be called if a new message has been received (Call to External).

As you would expect a remote interrogation is also available as standard and may be carried out from any DTMF phone world wide. Obviously this function will also be supported from extension phones. The Memo function will let your record telephone calls or simply record a memo which can be played back by another user.

The default setting is: Announcement 1 is set as Standard Announcement with the ability to leave messages. If set to 'on' this announcement will be played to incoming- and extension calls. Announcements 2 to 6 are not allocated.

A-Module 40

Technical Specification

- The digital telephone answering machine (TAM) does not require an additional power source as this will be supplied by the internal S0 Bus of the telephone system.
- Maximum recording time will be 20 minutes in high quality including announcements
- Maximum recording time 40 minutes in standard quality including announcements
- Up to 80% of the recording time in high quality after which it will drop to standard quality including messages already recorded
- Maximum message capacity 99 recordings
- Maximum recording time of a single message is 20 minutes
- All recordings and settings of the answering machine are stored in non volatile memory and are not affected by power cuts or phone disconnections
- Message playback in standard or twice normal speed
- TAM on / off via system timer, switchbox or remotely
- Status Display: Number of messages, number or name of caller, date & time, duration of message, incoming line called (or name), called extension number or memo. Time and date will be generated from the telephone system.

Important Information

For the operation of an A-Module from Serial Number 12535 the firmware of the System Phone must be 1.1 or higher! Please refer to the user manual of the System Phone for information on how to upgrade the firmware.

The digital system phone ST 40 with answering machine module A-Module 40 is available in S0 Bus or Up0 version and is designed for the connection to an ISDN Bus or Up0 connection of an AGFEO ISDN telephone system. However, the digital system phone ST 31 is available as an S0 Version only.

The ST 40 including A-Module 40 can be connected to AGFEO Telephone Systems running on firmware 7.0 or higher. The ST 31 can only be connected to all systems running on a firmware level from 7.6 with the exception of the AS 181 which will require firmware 6.3.

NOTE: Not all AGFEO Telephone Systems may be able to run firmware levels above 7.0.

Information regarding firmware upgrades will be available via your qualified AGFEO Dealer. AGFEO GmbH & Co. KG will not accept any liability for damages as a result of improper use of the digital ST 31 and ST 40 System Phone.

About this User Guide

This user guide will provide information regarding the installation of the A-Module 40 in the system phones ST 31 and ST 40 including operating instructions referring to a system firmware from 7.0. Detailed information regarding the features of your system phone and your telephone system can be found in the respective user manuals.

Information regarding the modified operation of a system phone ST 40 from software version 2.0 in connection with a telephone system firmware from 8.0 is contained from page 25.

A-Module 40

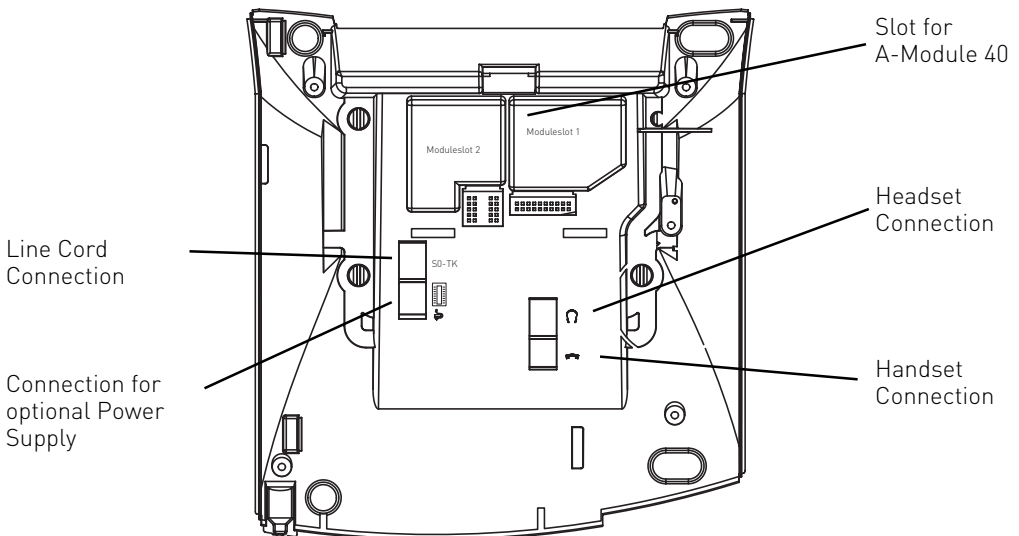
Safety Notice:

- Do not work on the extension wiring or connect/disconnect the system phone during a thunder storm.
- Install extension wiring in a manner that it is not walked on or causing anybody to trip over them.
- Ensure that no liquids are allowed to enter the housing of the Digital System Phone as otherwise short circuiting may result.
- Before opening the expansion slot area of the system phone ensure that the line cord is disconnected from the telephone socket!

To release the line cord, press the release latch on the plug and at the same time pull the cable out of the socket. (use a small screw driver if required)

Installation of A-Module 40

To open the expansion slot underneath the telephone press the release latch of the lid and at the same time open and remove lid.



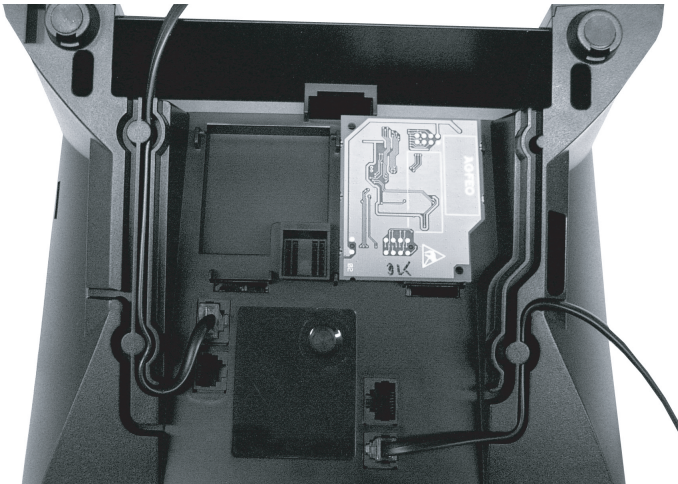
A-Module 40

Remove A-Module 40 from Packaging

Before handling the A-Module 40 please ensure that your body is discharged from any static electricity, you can do this by touching the metal part of a water pipe or central heating radiator. This will ensure that components of the A-Module 40 will not be damaged due to static discharges.

Fitting the Module

- Insert the module, as shown in the picture below, with the contacts facing downwards
- Carefully lower the module until contact is made with the socket
- Finally, press the module down as far as it will go



Insertion of A-Module

Close Module Slot

- Insert hokks of lid into the slots provided on the housing of the phone.
- Press the lid downwards until you hear the latch click into place.

System Phone Reconnection

- Reconnect the line cord of the digital system phone into the ISDN socket, ensure that the plug locks into place.
The phone will now automatically register to the system.

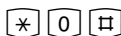
A-Module 40




Software Update of ST 40 with A-Module 40

If the firmware version of the ST 40 is higher than 1.0, then an update will not be required. However, should an upgrade be necessary, then please follow the instructions below:



The receiver is on hook, the phone is idle.



Press the following buttons simultaneously    . The telephone is now in service mode.



Press **1** for SoftwareUpdate



Enter the telephone number of the Update Server which is: +49 (0)521 44709 950. Depending on the line seizure set, you may have to prefix the number with 0 (9).



Confirm entry with the centre button. The Update Server is now being called and the update will begin.

The update will be completed in approx. 90 seconds, after which the telephone will reregister to the telephone system. The current software will be displayed on the phone during start up. The firmware update is now completed.

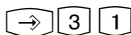
Programming of Function Buttons for Answering Machine

For a simple and fast operation of your answering machine, the following functions may be programmed on your system phone:

- TAM on/off Switch: To switch one or all announcements on or off. Function will only work from other systems phones if they have been programmed to receive notifications. (info to Systels)
- TAM-Info: Playback of recorded messages.
- TAM-Memo: Record telephone conversations, or record a memo
- SMS-Info: Displays incoming SMS messages

We suggest to select a function button in the first level as these buttons will have an LED indication which will show the status of the selected feature.

Setup Function Buttons



Enter programming mode



Select function button for feature to be stored under



Enter letter first letter of required function , ie TAM-Memo or browse using the arrow keys until required function is displayed



Confirm entry



End Programming Mode

A-Module 40

Firmware 7.x only

Record an Announcement

To record an outgoing announcement follow the steps below:



Enter programming mode



Select announcement by using the arrow keys and confirm selection by pressing the centre button.



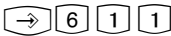
Press 1 for „Record Greeting“.



Pick up handset and press centre button. Currently stored announcement will be playback with the duration being displayed. Press the centre button again to start recording. Message length will be displayed during recording. Press the right button when you have finished recording.

Set to Answer Only

The answering machine can be set to answer or answer only for each of the announcements. If set to answer only, then the caller will not be able to leave a message for you.



Enter programming mode



Select announcement by using the arrow keys and confirm selection by pressing the centre button.



Press 3 for „Answering Mode“



Switch between „Greet and Record“ or „Announce only“ with the centre button.



End programming mode

Allocate Outgoing Message to Line



Enter programming mode



Select announcement by using the arrow keys and confirm selection by pressing the centre button.




Press 4 for „Announcement for“



„1“= Outside Call
„2“= Extension Call
„3“= Set as Default
Press „4“ to delete allocation (not allocated)



Selection „3“ or „4“ will be set by pressing the centre button. End programming mode now .



If „2“ has been selected then choose the extension number by using the arrow keys. The selected extension can be deleted by pressing the left button. If no extension is selected then the announcement will be for all extensions. If „1“ is selected then choose the required line by using the arrow keys.



Save the setting by pressing the centre button.

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Firmware 7.x only

Switching Outgoing Messages On / Off

Follow the steps below to switch one or all messages to on or off.



Enter programming mode



Select announcement with arrow keys and switch on or off by pressing the centre button.



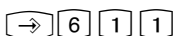
End programming mode

Switching Outgoing Message with Function Button



A previously programmed function button may be used to switch the answering machine to on or off. Each time the button is pressed the TAM will either switch on or off.

Switching Outgoing Message via Programming Menu



Enter programming mode



Select announcement with the arrow keys and confirm with the centre button.



Select activate by pressing 2



Switch the announcement to on or off by pressing the centre button.



End programming mode

Note:

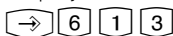
Please note an outgoing message may only be switched on if it has been allocated to a line. (see also „Allocate Outgoing Message to Line) If you switch all announcements to on then all announcements which are allocated to a line are set to on.

A-Module 40

Firmware 7.x only

Settings Functions

Display SubMenu Settings:



1=Number of rings after which TAM answers.

2=Call screening, listen to messages as they are being left.

3= Toll saver. Call charge saving feature on remote interrogation.

Number of Rings

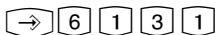
The number of rings after which the TAM should answer an incoming call can be set in the menu „Number of Rings“.

You can select if it should answer immediately before the phone is ringing, or after a pre-set number of rings.

Default Setting: 5 rings. The answering machine will answer after approx. 25 seconds. (see Note)

Note: The number of rings relates to a standard incoming ring (CO line in 5 sec. interval) Different ringing rhythms or extension calls will be treated as standard ringing, 5 rings equals 25 seconds. This timing is not applicable if „Toll Saver“ has been set to on. (see „Toll Saver“)

Set Number of Rings



Enter programming mode



Select 0-9. 0=immediately.



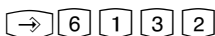
Confirm setting

Call Screening

Calls are monitored as the caller is leaving a message. Just pick up the handset if you decide to speak to the caller.

Default Setting: Call Screening off

Call Screening On / Off



Enter programming mode



Press the centre button to switch the feature to on or off

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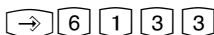
Firmware 7.x only

Toll Saver

This feature will avoid call charges if you call your answering machine to retrieve messages remotely. The answering machine will answer in 2 rings if new messages have been received and 5 rings if no new messages have been left. In order to avoid being charged for the call, replace the handset before your answering machine answers, ie. 5 rings.

Default Setting: Toll Saver off. The answering machine will answer within the „Number of Rings“ set.

Toll Saver On / Off



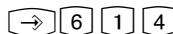
Enter programming mode



Press the centre button to switch feature to on or off

Notification to other Phones

Display submenu „Notification“



Info to System Phones

Messages which have been recorded on the answering machine can be listened to from any other system phone. The flashing message waiting LED will indicate that a new message has been received. This message can be listened to without returning to the answering machine itself. To do this follow the instruction as described in „Message Indication & Playback of ST 40 TAM“

Default Setting: Info to Systels, NO extension number set.

Set Info to Systels



Enter programming mode



or



Select the extension number of a system phone or hunt group. Either enter the extension number or browse using the arrow keys. If playback is required from more than one system phone then the hunt group number of the system phones has to be entered here. Hunt Groups can be formed with the configuration tool TK Suite and a PC.



Confirm entry by pressing the centre button.

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Firmware 7.x only

Set Outside Line Notification

This feature will call any preset telephone number once a new message has been received. This means that you do not have to call your answering machine to check for new messages as it will phone you. When the unit phones you it will prompt you to enter your PIN number if this has been set (→ 2 7), if no PIN is set it will go straight to the remote access menu. (see also remote interrogation).

Default Setting: Call Outside Number OFF, no number entered.

Program Outside Number



Enter programming mode



Enter number which should be called once the machine has received a new message.
Delete number by pressing left button. Store number by pressing the centre button.



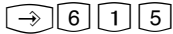
Press the centre button to switch the function on or off.

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Firmware 7.x only

Answering Machine Maintenance

Display submenu "TAM Maintenance":



„1“= TAM Status (Number of messages / available minutes)

„2“= Default Setting (reset to default)

„3“= Clear Memory

Display Answering Machine Status

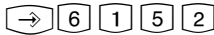
From the menu select "Status":



Following information will be displayed via this menu:

- Version xx (current version of software from the phone)
- xx Messages stored (number of recorded messages)
- approx. xx minutes free (available recording time)

Reset Answering Machine to Default

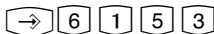


From the menu select "Default Setting".



By pressing the centre button you will reset the answering machine back to default. (see also „Default Setting“) All stored messages will be deleted.

Delete All Messages



From the menu select "Clear Memory".



All messages will be deleted once the centre button is pressed, regardless if the answering machine is assigned to an extension number or not.

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Firmware 7.x only

Message Indication & Playback of ST 40 TAM

Message LED 

- is flashing, once a new message has been recorded,
- is constantly lit, if a message is stored which has already been played.

A message can be played back even if the answering machine is switched off.

A message is,

- an entry in the Call Log of the ST 40 System Phone
- a Memo, which has been recorded directly on the Answering Machine of the ST 40 System Phone.

The message waiting LED is flashing if one or more message are available.

Press message waiting LED.

If messages have been recorded and in addition entries are stored in the Call Log, then you may select the order of retrieval. Otherwise the Call Log- or messages of the answering machine will be displayed.

Playback Functions of ST 40 TAM or ST 40

Playback next message



Playback previous message, or start current message from beginning



"2": playback twice the original speed, "1": standard playback



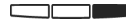
Delete message displayed



To delete all messages press and hold the left button



Stop playback / display



Each message will be separated by an audible tone.



The number shown in the display will be dialled



A-Module 40

Firmware 7.x only

Remote Interrogation

The answering machine can be remotely interrogated from any telephone in the world or any extension phone connected to the system.

Condition: You must use a DTMF telephone (Tone dialling phone). A DTMF tone pad may also be used. The answering machine must have been programmed with an access code.

Following settings are available:

- Playback and deletion of messages
- Switch answering machine on or off
- Record outgoing announcements

Remote Access, Answering Machine set to ON



Call your answering machine



Whilst the announcement is playing press the STAR button. You will be asked to enter your access code.



Enter remote access code.
An incorrect entry will be prompted again. Press STAR button again and re-enter access code.



Enter number of required function. (see also index numbers for remote interrogation)



Replace handset to end remote access

Remote Access, Answering Machine set to OFF



If answering machine is switched off:
Call your answering machine and let it ring for approx. 2 minutes. You will be asked to enter your PIN number.



After the correct PIN number has been entered, continue as if machine is set to ON.

A-Module 40

Firmware 7.x only

Index Numbers for Remote Interrogation

Once the connection to the answering machine is established then the required function may be selected by entering an index number from the menu below. Voice prompts will assist in the selection of the different menus. To repeat a menu press the **#** button.

Main Menu

- Incoming messages **1**
- Enable outgoing announcement..... **2**
- Record announcements **3**
- Repeat this menu **#**

Incoming Messages

- **1**
- Play all messages **1**
- Play next message **2**
- Play previous message **3**
- Delete this message **4**
- Delete all messages **5**
- Return to main menu **0**
- Repeat this menu **#**

Enable Announcements

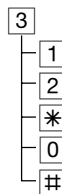
- **2**
- All announcements on **1**
- All announcements off **2**
- Specific announcement on **3**
- Specific announcement off **4**
- Return to main menu **0**
- Repeat this menu **#**

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Index Numbers for Remote Interrogation

Record Announcements	
Check current announcement	
Record new announcement	
Stop recording	
Return to main menu	
Repeat this menu	



Example: Remote Interrogation

You are in the main menu after you have entered your access code. You would like to record a new announcement.

To do this you would select the following from the menu:

3 - Record announcements

2 - Record new announcement

From the various 6 announcements enter the required announcement number to be changed.

The selected announcement will now be played back. Start your new recording after hearing the tone. Press the ***** when you have finished recording.

Note:

If no further memory is available to record an incoming message, then the answering machine will answer an incoming call after 2 minutes with the announcement „Answering Machine Full” followed by „Please enter remote access code”. After the access code has been entered you may select the required function. Delete some or all messages to return the machine to normal operation.

A-Module 40

Firmware 7.x only

Recordings

You can use your answering machine to record memo's and messages, like:

- Record telephone conversations
- Record memo's
- Leave messages for others which may be played back directly on the ST 31 / ST 40 or via remote access.

To use this feature you must first program a memo function button on your ST 31 / ST 40 system phone. See also programming of function button.

Record a Telephone Conversation



You are talking to an extension or outside call



Press the „Memo“ button. A brief warning tone will be heard. The recording duration is displayed. The LED associated with the function button is flashing.



or



To STOP recording.

Press the „Memo“ button again to stop recording and continue conversation. Replace handset to end conversation and stop recording.

Record a Memo

Recording via Handsfree

Press the „Memo“ and start recording. The duration of the running recording will be displayed. The LED associated with the function button is flashing.



Recording via the Handset

Pick up the Receiver and press the „Memo“ button. Start recording your message.



Stop Recording

Press the „Memo“ button again or replace the handset to stop recording. The LED indication will go off.



or



A-Module 40

Firmware 7.x only

Programming Tree

Select Answering Machine Menu by pressing: → 6 1

- | | | |
|-----------------------------|---------------------------------|--------------------|
| 1 Select Announcement | Select with Arrow Buttons | 1 Record Greeting |
| ..... | ..... | 2 Activate |
| ..... | ..... | 3 Answering Mode |
| ..... | ..... | 4 Announcement for |
| 2 Activate | Select with arrow buttons | |
| 3 Settings | 1 Number of Rings | |
| ..... | 2 Call Screening | |
| ..... | 3 Toll Saver | |
| 4 Notification | 1 Info to Systels | |
| ..... | 3 Call to External | 1 Enter Telephone |
| | | Number |
| 5 TAM Maintenance | 1 TAM Status | 2 enable |
| ..... | 2 Default Setting | |
| ..... | 3 Clear Memory | |

Default Settings

Feature:	Default Setting:	Change Setting with:
Announcement	Answer & Record Message	→ 6 1 1 Select Announcement OK 1
Activate	OFF	→ 6 1 2
Number of Rings	5	→ 6 1 3 1
Call Screening	OFF	→ 6 1 3 2
Toll Saver	OFF	→ 6 1 3 3
Info to Systels	OFF	→ 6 1 4 1
Call to External	OFF, No Number stored	→ 6 1 4 3

A-Module 40

Firmware 7.x only

SMS to Fixed Network

You will require an ST 31 / ST 40 with A Module 40 to send and receive SMS messages from AGFEO Telephone Systems.

SMS Service Centre

In order to send SMS messages you will have to register with your service provider. Normally this will be fully automated. You will need the SMS Service Centre Number which will have to be programmed into the system. Then you will have to send an SMS with the word „Register“* to 0000**. Once sent you will automatically receive a reply to confirm your registration.

* Word may differ in each country

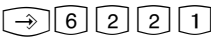
** Number may differ in each country

NOTE:

It is possible to enter more than one SMS Service Centre number. This will enable you to receive text messages from other providers. Outgoing text messages will always be sent to the first programmed entry.

Change SMS Service Centre Number

To utilise a different SMS Service Provider, you must first change the stored number in the system and then register with this provider.



Enter programming mode



Enter SMS-Service Centre Number and store by pressing the centre button.

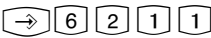


Enter SMS Service Centre Name and store by pressing the centre button.



End programming mode.

Write and Send SMS



Select SMS mode „Write“



Enter message via telephone keypad. Confirm by pressing the centre button.



Press 1 to „Send“

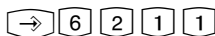


Enter telephone number of recipient and confirm entry by pressing the centre button.

A-Module 40

Firmware 7.x only

Write SMS and Save as Template



Select SMS mode
„Write“



Enter message via telephone
keypad. Confirm by pressing the
centre button.

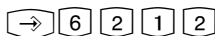


Select 3 to save
as „Template“



Confirm by pressing the centre
button. SMS will now be saved in
Template Tray.

Send and Edit Templates



Go to „Template“ tray



Select required template
with arrow keys. Retrieve by
pressing the centre button.
Edit message if required and
confirm by pressing centre
button.

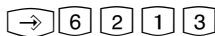


Select „Send“



Enter telephone number of
recipient and confirm entry by
pressing the centre button.

Read or Delete Sent Messages



Go to „Outgoing“
messages



Select message with arrow
key and confirm with centre
button.



Delete by
pressing left
button.

Receive and Read SMS

The message waiting LED will flash once a SMS has been received. Press this button to see new SMS messages received. You may use the arrow key to browse through the messages. Press „Clear“ to delete a message. To exit SMS and return the phone to idle press the „Back“ button.

Note:

To send and receive a SMS message will use a C0 line (B-Channel). If all outside lines are busy you will not be able to receive or send SMS messages.

A-Module 40

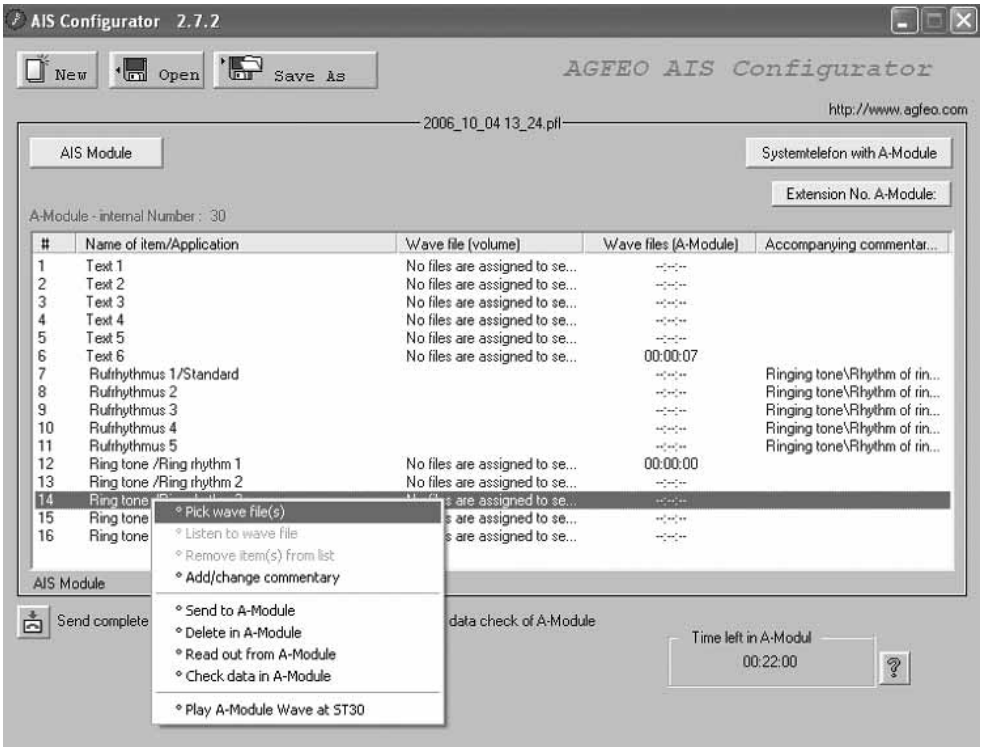
Uploading of WAV Files into ST 40 with A-Module 40

It is possible to load WAV files into the ST 31 / ST 40 with A-Module 40 which then can be used as ring tone or announcement on an incoming call. To do this you will need the AIS Configuration Tool from Version 2.62. Please note: Ensure that TK-Suite Server is not running at the same as the AIS Configuration Tool.

- Start the AIS Configuration Tool.
- Click onto the button „System Phone with A-Module“.
- Click onto the button „Extension No. A-Module“
- Select an extension number, and PIN if required, of the phone with A-Module to which you would like to upload a wave file as ring tone.
- Select a ring tone
- Click the right mouse button, a drop down menu will be displayed.
- Allocate a wave file to the selected ring tone by selecting „Pick wave file(s)“.
- Click with the right mouse button on ring tone selected. Drop Down Menu is displayed.
- Click on „Send to A-Module“.

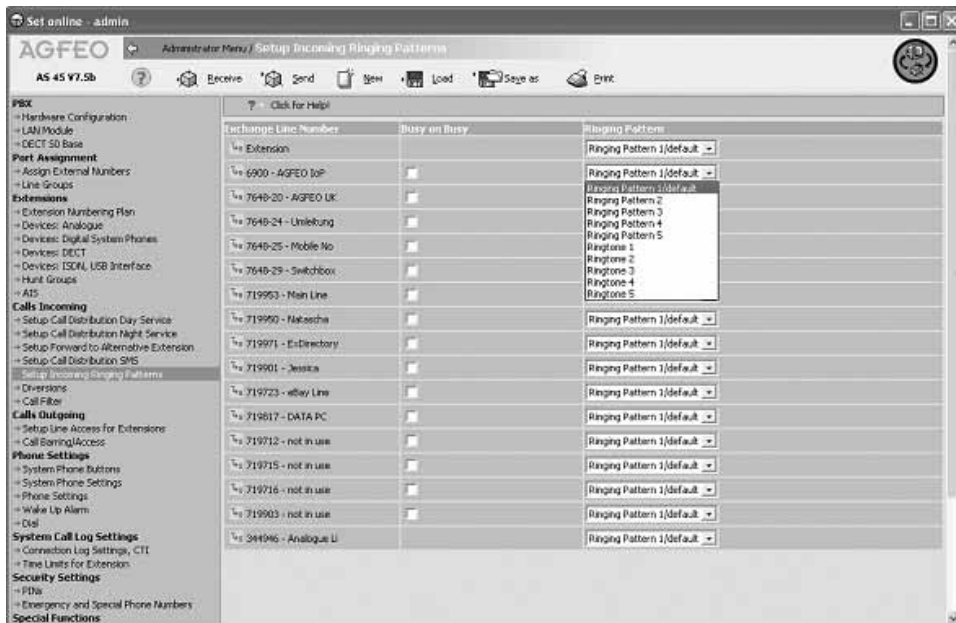
The wave file is now stored in the system phone.

Follow the same procedure if you want to store announcements as ring tones.



Enable Playback of WAV Files in Telephone with A-Module 40

The earlier stored WAV files (see Page 23) will now have to be switched ON so that they will „Ring“ the ST 31 / ST 40 with A-Module 40 on an incoming call. Select the required ring tone by using TK-Suite in the programming section „Calls Incoming“ and „Setup Incoming Ringing Patterns“ in the drop down menu select the required ring tone. Please ensure that the telephone is also entered in the relevant call distribution.



A-Module 40

from Firmware 8.0

A-Modules General Features from Firmware 8.0

SMS-Function

After recording a message the A-Module is able to forward an SMS message to a preset external number such as a mobile phone. The message will include the telephone number (Name if in the Phone Book) of the caller, including Time and Date. The A-Module 30 (ST30) offers a global SMS- function, whereby the A-Module 40 (ST 40) can offer this function individual for each announcement.

2-Channel-Function (ST 40 S0 and ST 40 UP0)

The A-Module of an ST 40 can now answer calls even if the actual telephone is busy on a call. Therefore the two B-Channels can now be used simultaneously (from FW 2.0).

ST 40 Icons

For an even more user friendly setup of an A-Module the programming procedure is now aided by Icons which are shown in the graphical display area of the ST 40 System Phone (from FW 2.0).

Number of Rings

The number of rings can now be set for each announcement separately.

Line Assignment

Each of the 6 Answering Machines (6 Announcements) can not only be assigned to individual lines but can now also include line bundles which have been grouped from various individual lines. This feature will allow to play the same announcement to other lines within that group.

Additional Functions of the A-Module from Firmware 8.0

The Answering Machine of an A-Module 40 (ST 40) may be utilised in three different modes:

Basic Answering Machine

The answering machine will react in the same way as a standard analogue answering machine. Is the answering machine set to this mode then each call will be answered and indicated on their own telephone.

System-Answering Machine

In contrast to the Basic Answering Machine, the System-Answering Machine can differentiate which calls should be answered (by line groups, by MSN or extension number), to which extensions messages received should be indicated and from which extension the answering machine may be operated.

Voice Box

The function „Voice Box“ offers the ability to recording a message targeted to a specific extension and deposited into a Voice Box. This Voice Box can then be accessed at any time by other system telephones by pressing the function button „Listen to Voice Box“. The function Voice Box may also be set for „Call Screening“. This will allow that during message recording the speaker of the other system phone is activated (page and record). The function button „Listen to Voice Box“ will allow to listen to messages being left and also indicate via an LED if other extensions have listened to this message.

A-Module 40

from Firmware 8.0

Programming Example

The screen shot below shows the setting for the following application:

- Possibility to make calls while the answering machine is recording a message.
- Announcement 1 is configured as Basic Answering Machine, this will answer an incoming call after four rings, plays the default announcement after which a message can be recorded.
- Announcement 2 is configured as System Answering Machine which will answer calls for lines which have been bundled in Line Group 1 and Extension calls. The machine answers the call after 2 rings plays the greeting and records the callers message, after which it will send an SMS to the programmed mobile number. The System Answering Machine will indicate messages on the System Phone ST 30 and can also be operated from other System Phones.
- Announcement 3 has been set to Voice Box.

The screenshot displays the configuration interface for the System Phone Answering Machine. It features a left-hand navigation menu and a main configuration area.

Navigation Menu:

- Expand All | Close All
- PBX
- Port Assignment
- Extensions
- Calls Incoming
- Calls Outgoing
- Phone Settings
 - System Phone Buttons
 - System Phone Settings
 - System Phone Answering Machine**
 - Phone Settings
 - Wake Up Calls
- System Call Log Settings
- Security Settings
- Special Functions
- Maintenance
- PBX Phone Book

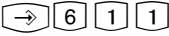
Main Configuration Area:

- Info about: System Phone Answering Machine
- Settings for Telephone Answering Machine [Switchboard (20)]
- Settings for all Announcements
 - Use 2nd B-Channel (Phone and Answering Machine can be used simultaneously)
 - Outgoing call will have priority over answering machine when receiver is picked up
- Announcement 1
 - Name: Standard Enabled **Basic Answering Machine** System Answering Machine Voice Box [X]
 - Number of Rings: 0 1 2 3 4 5 6 7 8 9
 - After Answering: Play Announcement & Record | Play Default Text
 - After Recording: No Action
 - Toll Saver Enabled
 - Call Screening Enabled
- Announcement 2
 - Name: System Enabled **System Answering Machine** Voice Box [X]
 - Number of Rings: 0 1 2 3 4 5 6 7 8 9
 - Answer Incoming Line: Any Phone Number Group | Group 1
 - Answer Extension Call: [All]
 - After Answering: Play Announcement & Record | Play Custom Message
 - After Recording: Send SMS | Mobile Phone 07973666555 (000)
 - Notify Selected System Phones about Call: #S MD (27)
 - Only notify this Extension
 - Toll Saver Enabled
 - Operation by other System Phones
 - Call Screening Enabled
- Announcement 3
 - Name: [] **Voice Box** [X]
 - Call Screening Enabled
- [+] Create New TAM

A-Module 40

from Firmware 8.0

Program Announcements



Start Programming



Select required announcement by using the arrow buttons. Each text is played back as you scroll through the announcements.



Once the required text is played back, press „Change“ to edit another range of settings for that particular announcement.

Enable/Disable Announcements via Menu

The following steps below may be used to enable one or all announcements of your answering machine. The announcement status will be displayed as indicated below:



Announcement Enabled



Announcement Disabled



from the submenu select required announcement using the arrow buttons and enable/disable announcement with centre button.

Announcement Activation via Function Button



Press the previously programmed „TAM Activation“ button. Each time this button is pressed the announcements as defined will be enabled or disabled.

Note

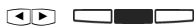
Please note that announcements can only be activated if these have been clearly assigned (see also „Set up announcement allocation“). Should you activate all announcements, then all assigned announcements will be enabled.

A-Module 40

from Firmware 8.0

Set Up Announcement Allocation

Depending on programming the announcement allocations will be displayed as follows:



Display sub menu for announcements as described on page 27.
Using the arrow buttons select required announcement and press „change“



Use arrow buttons to select required symbol for which the change is required.



Select Option

Select if announcement should respond to external calls, internal calls (extension calls) or all calls.



Allocated to Line



Allocated to All Calls



Allocated to Extension



Not Allocated

Program Greeting or Announcement only

Depending on programming (Greeting or Announcement only) a different symbol will be displayed.



Default Announcement with Recording



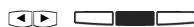
Own Announcement with Recording



Default Announcement NO Recording



Own Announcement NO Recording



Display sub menu for announcements as described on page 27.
Using the arrow buttons select required announcement and press „change“



Use arrow buttons to select required symbol for which the change is required.



Select if you would like to use the pre-recorded default announcement, record a new announcement or toggle between „announcement only“ (callers will not be able to leave a message) and „greeting“ (callers can leave a message immediately after the greeting).

A-Module 40

from Firmware 8.0

Number of Rings and Toll Saver

The number of rings after which the TAM should answer an incoming call can be set individually for each announcement. You can select if it should answer immediately before the phone is ringing, or after a pre-set number of rings.

Default Setting: 5 rings. The answering machine will answer after approx. 25 seconds.

Note: The number of rings relates to a standard incoming ring (CO line in 5 sec. interval). Different ringing rhythms or extension calls will be treated as standard ringing, 5 rings equals 25 seconds. This timing is not applicable if „Toll Saver“ has been set to on.

Toll Saver:

Toll Saver is a feature which will save you call charges when remotely interrogating your answering machine. If new messages are waiting for you on your answering machine, then this will answer an incoming call within 2 rings. If no new messages are stored then the machine will answer after 5 rings. You will have time to end the call before your answering machine answers and have save yourself the cost of a call.

Default Setting: Toll Saver is set to off.

Set Number of Rings / Set Toll Saver

The number of rings will be displayed as follows:



Number of Rings Till Answer



From the submenu, as described on page 27, use arrow buttons to select „Rings 0-9 / Toll Saver“.



Toll Saver On



or



Enter the number of rings by using the numeric keypad on the phone or press the middle button to switch Toll Saver to on or off.

Call Screening

This feature will enable you to listen to the caller leaving a message for your on your answering machine. As you listen to the message being left you can decide if you want to answer this call. You may answer the call by picking up the handset.

Default Setting: Call Screening is switched off

Set Call Screening

If call screening for a selected announcement will be displayed as follows:



Call Screening On



From the submenu, as described on page 27, use arrow buttons to select „Call Screening“.



Call Screening Off



Press the middle button to switch call screening on or off.

A-Module 40

from Firmware 8.0

Operation by other System Phones on/off

If the selected announcement can be activated from other system phones will be displayed as follows:



Operation by other System Phones
On



From the submenu, as described on page 27, use arrow buttons to select „Operation from Others“.



Operation by other System Phones
Off



Press the middlet button to switch this function to on or off.

Notification of New Message set to ON / OFF

If a notification to another phone has been set and which form of notification is set will be indicated by the following symbols:



„New Message“ Notification Off



„New Message“ Notification by Phone



„New Message“ Notification by
SMS



From the submenu, as described on page 27, use arrow buttons to select „Call to External“.



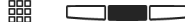
Press
„Change“



Using the arrow buttons select the form of notification and confirm by pressing the middle button.



Press „Change“ again and press [2] and enter the required telephone number.



Confirm the telephone number just entered by pressing the middle button

Signalling of Incoming Calls on other Telephones On/Off



From the submenu, as described on page 27, use arrow buttons to select „Service for Other SysPho“.



Press
„Change“



Press [1] and enter the extension number of system phone to which an incoming call should also be indicated by a flashing mail button and press „Store“.



Press again „Change“ and press [2].



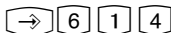
Using the middle button set on or off if messages should only be signalled at the mail button of the distant system phone or also at the phone with installed A-Module.

A-Module 40

from Firmware 8.0

Answering Machine Maintenance

Display TAM Maintenance in submenu:



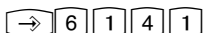
„1“ = TAM Status (Number of messages / Free minutes)

„2“ = Default Setting (Reset to default)

„3“ = Delete Message

Display Status

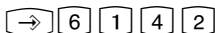
Select menu "Status":



This menu will display the following information:

- Version xx (Software Version of Phone)
- xx Messages Stored (Number of recorded messages)
- Approx. xx Minutes Free (the remaining recording time)

Reset Answering Machine to Default

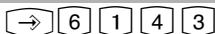


Select menu "Default Setting".



Pressing the middle button will reset the answering machine to default (see also default setting). At the same time all messages will be deleted.

Delete All Messages



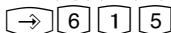
Select menu "Delete Message".



Pressing the middle button will delete all message currently on the answering machine, regardless to which extension the answering machine is allocated.

Answering Machine Configuration

In the submenu display "TAM Configuration":



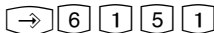
„1“ = Use 2nd B Channel

„2“ = New Call Priority (only available if „Use 2nd B Channel“ is set to on).

A-Module 40

from Firmware 8.0

Use 2nd B Channel

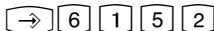


Select menu "Use 2nd B Channel".



Pressing the middle button will switch this feature on or off, ie. if the answering machine can answer a call whilst at the same time the ST 40 system phone is being used on a call.

Priority to New Call



Select menu "New Call Priority".



Pressing the middle button will switch this feature on or off, ie. will a ne line be seized when the receiver is lifted whilst the answering machine is still recording (New Call Priority set to on), or will the call to the answering machine be intercepted.

Answering Machine Programming Tree with ST 40

Select answering machine menu with:

- | | | |
|-----------------------------|--|--|
| 1 Select Announcement | Use arrow buttons to select announcement | For the announcement to be used press „change” button and select option using the arrow buttons: |
| ..... | ..... | -Enable Answerphone |
| ..... | ..... | -Allocate Announcement |
| ..... | ..... | -Record Greeting |
| ..... | ..... | -Number of rings /Toll Saver |
| ..... | ..... | -Call Screening |
| ..... | ..... | -Operation from other S.Phones |
| ..... | ..... | -Notification to External |
| ..... | ..... | -Service for other System Phones |
| ..... | ..... | Announcements not in use press „Apply” and select: |
| ..... | ..... | -TAM Basic |
| ..... | ..... | -System Answerphone |
| ..... | ..... | -Voice Box |
| 4 TAM Maintenance | 1 TAM Status | |
| ..... | 2 Default Setting | |
| ..... | 3 Delete Messages | |
| 5 TAM Configuration | 1 Use 2nd B Channel | |
| ..... | 2 New Call Priority | |

A-Module 40

from Firmware 8.0

Answering Machine Programming Tree with ST 31





















Select answering machine menu with: → 6 1


- | | | | |
|-----------------------------|---|---------------------------|--|
| 1 Select Announcement | Use arrow buttons to
select announcement | 1 Record Greeting | |
| ..... | ..... | 1 Record / Playback | |
| ..... | ..... | 2 Default Announcement | |
| ..... | ..... | 2 TAM Activate | |
| ..... | ..... | 1 off | |
| ..... | ..... | 2 on | |
| ..... | ..... | 3 Record Announcement | |
| ..... | ..... | 1 Announcement and Record | |
| ..... | ..... | 2 Record Only | |
| ..... | ..... | 3 Announce Only | |
| ..... | ..... | 4 Allocate Announcement | |
| ..... | ..... | 1 Respond to External | |
| ..... | ..... | 2 Select Line | |
| ..... | ..... | 3 Respond to Extension | |
| ..... | ..... | 4 Choose Extension | |
| ..... | ..... | 5 All Calls | |
| ..... | ..... | 7 Number of Rings | |
| ..... | ..... | Choose Setting | |
| ..... | ..... | 8 Call Screening | |
| ..... | ..... | 1 off | |
| ..... | ..... | 2 on | |
| 2 TAM Configuration .. | 1 Toll Saver | 1 off | |
| ..... | ..... | 2 on | |
| ..... | 2 Operation From Others | 1 off | |
| ..... | ..... | 2 on | |
| 3 Notification | 1 Info to Systels | Enter Extension Number | |
| ..... | 2 After Recording | 1 off | |
| ..... | ..... | 2 SMS | |
| ..... | ..... | 1 No / SMS / Call | |
| ..... | ..... | 2 Enter Telephone Number | |
| ..... | ..... | 3 External Call | |
| ..... | ..... | 1 No / SMS / Call | |
| ..... | ..... | 2 Enter Telephone Number | |
| 4 TAM Maintenance ... | 1 TAM Status | | |
| ..... | 2 Default Setting | | |
| ..... | 3 Delete Messages | | |


A-Module 40

from Firmware 8.0

Display Symbols from Firmware 8.0

	Announcement Enabled		Default Announcement with Recording
	Announcement Disabled		Default Announcement No Recording
	Allocated to Line		Own Announcement with Recording
	Allocated to Extension		Own Announcement No Recording
	Allocated to All Calls		Number of Rings Till Answer
	Not Allocated		Toll Saver Enabled
	Call Screening On		„New Message“ Notification Off
	Call Screening Off		Service for other System Phones
	Operation by other System Phones On		
	Operation by other System Phones Off		
	„New Message“ Notification by Phone		
	„New Message“ Notification by SMS		

 This symbol is displayed in the Status Line of if the Answering Machine has been enabled.

 This symbol is displayed in the Status Line once the Answering Machine has answered an incoming call.

A-Module 40

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Note

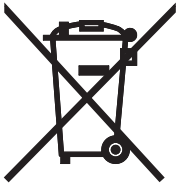
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Help

In the first instance please contact your Dealer should you have any questions or technical issues. Alternatively you may contact us directly via the internet where you will find a special enquiry form designed for this purpose. Please complete the requested information so that you query can be handled efficiently.

Note: Some features may not be available in your country or must be specially provided by your carrier.

Please contact your service provider should you require information regarding the availability of network features.



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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