User Guide

Aastra 7187a - analogue telephone
Introduction

Aastra 7187a is an advanced line-powered analogue telephone. It supports multi-languages, call log, message waiting, telephone book and A-number presentation. This user guide describes the features of the Aastra 7187a when it is connected to MX-ONE Telephony system, Telephony Switch or Telephony server.

The latest version of the user guide can be downloaded from:

http://www.aastra.com
Important User information

Safety Instructions

Save these instructions

Read these safety instructions before use!

Note: When using your telephone or connected equipment, the following basic safety precautions should always be followed to reduce risk of fire, electrical shock and other personal injury.

- Follow instructions in the equipment's user guide or other documentation.
- Always install equipment in a location and environment for which it is designed.
- Headsets used with this equipment must comply with EN/IEC 60950-1
- Do not make any changes or modifications to equipment without seeking approval from the party responsible for compliance. Unauthorized changes or modifications could void the user's authority to operate the equipment.
- Do not use the telephone to report a gas leak in the vicinity of the leak.
- Do not spill liquid of any kind on the product or use the equipment near water, for example, near a bathtub, washbowl, and kitchen sink, in a wet basement or near a swimming pool.
- Do not insert any object into equipment slots that is not part of the product or auxiliary product.
- Do not disassemble the product. Contact a qualified service agency when service or repair work is required.
- Do not use a telephone (other than cordless type) during an electrical storm.

Disposal of the product

Your product should not be placed in municipal waste. Please check local regulations for disposal of electronic products.
Telephone Parts

When you unpack your phone, you should ensure that you have all of the following items. If any part is missing, contact the supplier of your phone.

Telephone layout
# Table with Key-symbols

<table>
<thead>
<tr>
<th>Symbols / Keys</th>
<th>French</th>
<th>Spanish</th>
<th>German</th>
<th>Portuguese</th>
<th>Italian</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed-dial Shift/M0-M7</td>
<td>Numérotation abrégée</td>
<td>Teclas programables Shift/M0-M7</td>
<td>Kurzwahl Shift/M0-M7</td>
<td>Discagem rápida Shift/M0-M7</td>
<td>Numeri brevi Shift/M0-M7</td>
</tr>
<tr>
<td>Navigation keys</td>
<td>Touches de navigation</td>
<td>Teclas de navegación</td>
<td>Navigationstasten</td>
<td>Teclas de navegação</td>
<td>Tasti di scorrimento</td>
</tr>
<tr>
<td>Flash Key</td>
<td>Touche R-Flash</td>
<td>Tecla Flash</td>
<td>R- Taste</td>
<td>Flash</td>
<td>Tasto Flash</td>
</tr>
<tr>
<td>Radial / Pause Key</td>
<td>Touche Rappel / Mise en attente</td>
<td>Rellamada/ Pausa</td>
<td>Wahlwiederholung / Pausentaste</td>
<td>Rediscagem/tecla de pausa</td>
<td>Bis/Pausa</td>
</tr>
<tr>
<td>Goodbye key</td>
<td>Touche Au revoir</td>
<td>Desconectar</td>
<td>Ende Taste</td>
<td>Desconectar</td>
<td>Tasto Riaggancio</td>
</tr>
<tr>
<td>0-9, * and # (dial keys)</td>
<td>0-9, * and # (touches de numérotation)</td>
<td>0-9, * and # (digitos)</td>
<td>0-9, * and # (Zifferntasten)</td>
<td>0-9, * and # (Digitos)</td>
<td>0-9, * e # (Tasti selezione)</td>
</tr>
<tr>
<td>Volume keys</td>
<td>Touches de réglage volume</td>
<td>Volumen</td>
<td>Lautstärketasten</td>
<td>Volume</td>
<td>Tasti regolazione volume</td>
</tr>
<tr>
<td>Mute key</td>
<td>Touche secret - Act./desactiv-Micro</td>
<td>(Mute) silencio</td>
<td>Stummtaste</td>
<td>Mudo</td>
<td>Tasto mute</td>
</tr>
<tr>
<td>Option Key</td>
<td>Touche option</td>
<td>Tecla de opciones opción</td>
<td>Optionswahltaste</td>
<td>Opções</td>
<td>Tasto opzioni</td>
</tr>
<tr>
<td>PhoneBook Key</td>
<td>Touche d'annuaire téléphonique</td>
<td>Agenda</td>
<td>Telefonbuchtaste</td>
<td>Agenda</td>
<td>Tasto Rubrica</td>
</tr>
<tr>
<td>Save key</td>
<td>Touche de sauvegarde</td>
<td>Salvar</td>
<td>Speichertaste</td>
<td>Salvar</td>
<td>Tasto salvataggio</td>
</tr>
<tr>
<td>Delete key</td>
<td>Touche d'Effacement</td>
<td>Borrado</td>
<td>Löschtaste</td>
<td>Excluir</td>
<td>Tasto cancella</td>
</tr>
<tr>
<td>Music on hold</td>
<td>Musique d'attente</td>
<td>Música en espera</td>
<td>Musik bei Warten</td>
<td>Música em espera</td>
<td>Musica d’attesa</td>
</tr>
<tr>
<td>Message waiting</td>
<td>Message en attente</td>
<td>Mensaje en espera</td>
<td>Nachricht wartet</td>
<td>Mensagem em espera</td>
<td>Messaggio Giacente</td>
</tr>
<tr>
<td>Speaker / Headset key</td>
<td>Haut-parleur / Casque</td>
<td>Altavoz / Tecla de manos libre</td>
<td>Lautsprecher / Kopfhörertaste</td>
<td>Alto-falante / Fone de ouvido</td>
<td>Altoparlante/ Cuffia</td>
</tr>
</tbody>
</table>
Cable inlets and MW switch

<table>
<thead>
<tr>
<th>Symbols</th>
<th>French</th>
<th>Spanish</th>
<th>German</th>
<th>Portuguese</th>
<th>Italian</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line socket</td>
<td>Prise ligne téléphonique</td>
<td>Puerto conexión de línea</td>
<td>Anschlussbuchse</td>
<td>Conector de linha telefónica</td>
<td>Presa linea telefonica</td>
</tr>
<tr>
<td>OFF / Hi Volt / MW(-) / MW(+)</td>
<td>ARRET / Haute Tension / MW(-) / MW(+)</td>
<td>DE / Alto voltaje / MW(-) / MW(+)</td>
<td>AUS/Spannung/ MW(-) / MW(+)</td>
<td>OFF / Hi Volt / MW(-) / MW(+)</td>
<td>OFF/Alta Tensione MW(-) / MW(+)</td>
</tr>
<tr>
<td>Headset Jack</td>
<td>Prise pour casque</td>
<td>Puerto de auricular</td>
<td>Kopfhörerbuchse</td>
<td>Conector do fone de ouvido</td>
<td>Presa Cuffia</td>
</tr>
<tr>
<td>Handset Jack</td>
<td>Prise pour combiné</td>
<td>Puerto de microtelefono</td>
<td>Hörerbuchse</td>
<td>Conector do monofone</td>
<td>Presa Microtelefono</td>
</tr>
<tr>
<td>Data Jack</td>
<td>Prise pour données</td>
<td>Puerto de datos</td>
<td>Datenbuchse</td>
<td>Conector de linha de dados</td>
<td>Presa dati</td>
</tr>
</tbody>
</table>
Incoming calls

To answer an incoming call
Lift the handset or press \( \text{\#} / \text{\#} \) without lifting the handset.

Answer a second call
A call waiting tone will inform you, during conversation that a second call is waiting. You have two options:

Option 1:
1. Press \( \text{\#} \) to hang up. The new call will be signaled on your phone
2. Lift the handset to receive the call.

Option 2:
1. Ask the party you are speaking with to wait
2. Press \( \text{\#} \) and replace the handset. The waiting call will start ringing.
3. Lift the handset to receive the new call
4. Press 2 to return to the first call (Sweden, press \( \text{\#} \))

After finishing the call, replace the handset to receive the first call again

Answer a call from another extension
You can answer a call from another extension from any phone in your office:

1. Lift the handset and call the ringing extension.
2. You receive a busy tone, press numeric key, 8 (France:4 Sweden 6)

Mute ring signal
Press \( \text{\#} \) to mute the ring signal (LED flashing)

Do not disturb, DND
When you activate DND, calls to your extension is not shown. Outgoing calls can be made as usual.
Activate DND:
Lift the handset and press numeric keys *27#, Press [••] to hang up.
Deactivate DND:
Lift the handset and press numeric keys #27# Press [••] to hang up.

**Goodbye Key**
1. During off-hook by handset, press [••] to process another call.
2. During off-hook by handsfree/headset, press [••] to hang up.

**Call duration timer for incoming calls**
A call duration timer for incoming calls starts 5 seconds after “off hook” status is established. The call duration is stored in the call list with the caller ID information.

**Outgoing calls**

**Dial and Pre-dial**

**Dial**
Pick up the handset or press </>/ for hands free / headset operation. Press numeric keys, (if required also * or # or ✪ key or pick up the handset, the phone will dial out the number in 1,1s.

**Pre-dial**
During on-hook, press the keys for the number to be dialed (max. 32 digits). press </> or ▶ key or pick up the handset, the phone will dial out the number in 1,1s.

**Call by Handsfree**
1. Press </> and enter the number by using the dial pad.
2. To hang up the phone, press </> again.
3. When you are in handset mode, you can switch to handsfree mode by pressing </>.

**Call by Headset**
1. Insert a headset to the phone
2. Press </> and enter the number using the ▲ dial pad.
3. To hang up the phone, press </> again.
4. When you are in handset mode, you can switch to headset mode by pressing </>.
Redial
1. Press ₂/₃, the display shows the last number you have dialed.
2. There are up to 5 most recent redial number, press ▲ or ▼ to view the records.
3. Lift the handset or press either ₁/₂ or ₇ to dial out.

Last External Number Redial
1. Lift the handset and press numeric key * * *
   (Finland and Sweden: * * 0)

Call via the phonebook
1. Press ₄: Select SEARCH or press ₄: key to enter Phonebook viewing state
2. Press ▲ or ▼ to view the records. Hold the ▲ / ▼ key for 3s could activate fast scrolling
3. Lift the handset or press either ₁/₂ or ₇ to dial out.

Dial Back from Call Record
1. Press ₂: CALL RECORD
2. Press ▲ or ▼ to select call record that you wish to call
3. Lift the handset or press either ₁/₂ or ₇

Speed-dial by Memory Keys (M0-M7)
1. Pick up the handset or press ₁/₂
2. Press memory key (M1 to M7) or to dial a number that is stored on the second level press Shift (M0) + M1 to M7.

Call Back
If a called extension is busy or there is no answer:
1. At busy tone, Press numeric key 6 press ₁ to hang up.
   (Finland, France and Sweden: 5).
2. Lift the handset when you are called back.

If all external lines are busy (after dialing the digit or digits to get the line):
1. At busy tone, Press numeric key 6 (Finland, France, Sweden: 5).
2. Dial the external number and press #, press ₁ to hang up.
3. Lift the handset when you are called back.

Cancel call back
Cancel single call back: Lift the handset and press numeric keys # 3 7*, ext number, # Press ₁ to hang up
Cancel all callbacks: Lift the handset and press numeric keys # 3 7 #
Press ₁ to hang up
Protection (Data Privacy)
Protection allows you to make a call without any disturbances, e.g. intrusion. The feature is automatically cancelled when the call is finished.

Lift the handset and Press numeric keys * 41 #

Number presentation restriction
If you do not want your name and number to be displayed to the person you are calling.
1. Lift the handset and press numeric keys * 4 2 #
2. Dial the number

Call duration timer for outgoing calls
A call duration timer for outgoing calls starts 5 seconds after “off hook” status is established. The call duration is stored in the call list with the caller ID information.

During calls

Mute
1. When a call is in progress, press 🎤 to mute (LED flashing).
2. To speak to the caller, press 🎤 again (LED off).

Mute with music/Music on hold
1. When a call is in progress, press 🎤 to hold the call (LED on).
2. Press 🎤 again or toggle the hook switch to resume the call (LED off).

Inquiry
1. When a call is in progress, press 🔴
2. Call 3rd party and wait for an answer
3. Return to the first call by pressing, 2 (Sweden: ○)

Refer back (Switch back)
Press, 2 to refer back to the other party (Sweden: ○)
Transfer
1. When a call is in progress, press ☐
2. Call 3rd party and wait for an answer. Replace the handset before or after the answer

Conference
1. When a call is in progress, press ☐
2. Call 3rd party
3. After answer, press numeric key 3
Repeat the procedure to add more conference members (max 7 members)

Hold / Park a call
1. When a call is in progress. Press ☐ and press ☐ to hang up
2. Lift the handset to resume the call on your own extension

To resume the call from on another extension:
1. Lift the handset
2. Call the extension where the call was put on hold

Call forwarding

Diversion
If you do not want to be disturbed or will be out of office, you can have all calls to your extension diverted to a preprogrammed answering position. During diversion you will hear a special dial tone. You can still make calls as usual. Diversion can be made direct, on no answer, on busy or to another information service facility.

Order direct diversion from your own extension

The call can be diverted to an individual position or up to three determined common answering positions (depending on the type of the incoming call). Pre-programmed by your system administrator.

1. Lift the handset and Press numeric keys * 21 # (UK: *2# )
2. Press ☐ to hang up

Cancel diversion from your own extension:
1. Lift the handset and press numeric keys # 21 # ( UK: # 2 # ),
2. Press ☐ to hang up.

Diversion when there is no answer

1. Lift the handset and Press numeric keys * 211 # (Finland and Norway: *61#)
2. Press $\text{Hands off}$ to hang up

**Cancel diversion when there is no answer:**

1. Lift the handset and press numeric keys $\# 211 \#$ (UK: $\#61\#$),
2. Press $\text{Hands off}$ to hang up.

**Diversion when the caller receives a busy tone**

1. Lift the handset and press numeric keys $\ast 212 \ast$ (Finland and Norway: $\ast 67 \ast$)
2. Press $\text{Hands off}$ to hang up

**Cancel diversion when the caller receives a busy tone:**

1. Lift the handset and press numeric keys $\# 212 \#$ (UK: $\#67\#$),
2. Press $\text{Hands off}$ to hang up.

**Internal Follow me**

All calls to your extension are diverted to an extension of your choice, within the private network. For example, when you are working in another room and want your calls to follow you to that answering position.

When your telephone has Follow-me you can still make calls from it as usual. As a reminder that your telephone has Follow-me, you will hear a special dial tone each time you lift the handset to make a call.

**Ordering Follow-me from your own phone**

1. Lift the handset (dial tone) and press numeric keys $\ast 2 \ast 1 \ast$ (UK:$\ast 2\ast$)
2. Dial extension number of the answering position and press $\#$
   (Special dial tone)
3. Press $\text{Hands off}$ to hang up

**Canceling Follow-me from your own phone**

1. Lift the handset (special dial tone) and press numeric key $\# 21 \#$
   (ordinary dial tone) (UK:$\#2\#$)
2. Press $\text{Hands off}$ to hang up

**Ordering Follow-me from another phone**

You can order Follow-me of your own extension number from another telephone. The first step is to allow that Follow-me is permitted to be done from another telephone. Do the following from your own telephone:

1. Lift the handset (dial tone) and press numeric keys $\ast 2 \ast 1 \ast$ (UK:$\ast 2\ast$)
2. Dial own extension number and press $\#$
3. Press $\text{Hands off}$ to hang up
To order Follow me from another telephone:

1. Lift the handset (dial tone) and press numeric keys * 2 1 * (UK:*2*)
2. Dial own extension number * the extension number of the new answering position # (special dial tone)
3. Press # to hang up

Canceling Follow-me from another phone

1. Lift the handset (dial tone) and dial # 21*
2. Dial own extension number # (dial tone)
3. Press # to hang up

Ordering Follow-me remotely

With this feature you can order follow-me of any extension number from any telephone.
The prerequisite is that all the involved telephones have the right service profile.
To order remote programming of follow-me, do the following:

1. Lift the handset (dial tone) and press numeric keys * 2 1 * (UK:*2*)
2. Extension number to divert * extension number of the new answering position #
3. Wait for special dial tone
4. Press # to hang up

Canceling Follow-me remotely

To cancel remote programming of Follow-me from another telephone than the telephone with diverted number:

1. Lift the handset and wait for the dial tone
2. Press numeric keys # 2 1 * (UK:*2*)
3. Dial diverted extension number and press #
   Press # to hang up

External Follow me

1. Lift the handset and press numeric keys * 2 2 #
2. Dial external line code and external number press # press # to hang up
   Cancel: Lift handset and press numeric keys # 2 2 # Press # to hang up

General Cancelation

Cancel all activated features:
Lift the handset and Press numeric keys # 0 0 1 #
Optional Call handling Features

The features below may not be available in your telephony system. Please contact your system administrator for information.

**Free seating**

1. Log on: Lift the handset and press numeric keys *11*
2. Dial Authorization code and press numeric key * Own extension number, press #
   Log off: Lift handset and press numeric keys #11# press 📞 to hang up

**Personal Number**

With the personal numbers and profiles feature you can be reached on your normal office phone number even if you are out of the office. A search profile (1-5) can be designed to fit the situation (in the office, traveling, at home, and so on). Both internal and external phone numbers can be used in a profile. Your search profile is programmed or modified by system administrator.

When the feature is activated, incoming calls are transferred to selected phones or back-up services in the order that you choose. If an answering position in the profile is busy, the call can be transferred to another predefined position in the profile (Voice Mail or a colleague). You can handle the profiles from your own office phone. How to do this is described in this section (an operator can also assist you).
You can also use any of the Personal Assistant applications if available.
Contact your system administrator for more information. When out of the office, the feature Direct Inward System Access (DISA) can be used, if available in your system. How to use DISA is described in this section.

**Activate or change profile from own extension**

1. Lift handset and press numeric keys *1 0 * (1-5) #
2. press 📞 to hang up

**Canceling a profile from your phone**

1. Lift handset and press numeric keys #10#
2. Press 📞 to hang up
Voice Mail
Enter your mailbox:

1. Lift handset and dial the voice mail number and follow recorded instruction.

Note: if the number to the voice mail system has been programmed on the message waiting key you can also press that key to enter the mailbox.
**Call Waiting**
If you urgently wish to contact a busy extension or external line, you can notify the extension by a call waiting signal:

1. At busy tone, press numeric key, 5 (Finland, France: 6 Sweden: 4).
2. Wait on line on line

**Account Code**
This feature is used to charge a call to an account number or to prevent unauthorized calls from your phone. The account code can have 1-15 digits.

1. Lift handset and press numeric key * 6 1 * account code #
2. Dial the digit or digits to get an external line and the external number.

**Absence Information**
The absent information is used to inform the caller why you are absent and when you will return. Contact your system administrator regarding the available absence codes.

*With return date and time*
1. Lift the handset and press numeric key * 2 3 *
2. Enter absence code (0-9) and press numeric key *
3. Enter the date or time (MMDD) or time (HHMM), press #

*Cancel:* Lift handset and press numeric key # 2 3 #, press ☎️ to hang up.

*Without return date and time*
1. Lift the handset and press numeric key * 2 3 *
2. Enter absence code (0-9) and press numeric key #

*Cancel:* Lift handset and press numeric keys # 2 3 #, press ☎️ to hang up
Order for another extension:
1. Lift the handset and press numeric key *230*
2. Dial the extension number and press *
3. Enter the absence code (0-9), press *
Enter date or time (MMDD) or time (HHMM), for the other persons return, Press #, press to hang up.

**Cancel:** Lift handset and press numeric key #230* Dial extension number and press #, press to hang up

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**Parallel Ringing**
This feature makes it possible for an incoming call to ring on several phones simultaneously and for the call to be answered on any of the phones. The feature requires all the phones involved to be defined in a parallel ringing list.

To disable the parallel ringing temporarily:
1. Lift the handset and press numeric key *21*
2. Dial extension number and press, #, press to hang up.

To restore Parallel Ringing:
Lift the handset and press numeric key #21#, press to hang up.

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**Intrusion on a busy extension**
You can intrude on an ongoing call on a busy extension:

Lift the handset and Press numeric key 4, (France and Sweden: 8)
Before the intrusion a warning tone is sent to the parties in the ongoing call.

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**Group features**
**Group Call – pick-up**
In a call-pick-up group, any member can answer any individual call to group member.

Lift the handset and Press numeric key 8 to answer the call (Finland and Sweden: 0)
Common bell group
Calls are signaled on a common bell
Lift the handset and Press numeric key, 8, to answer the call (Finland and Sweden: 0)

Group hunting
As a member of a group of extensions that is called by a common number, you can temporarily leave the group.

1. Lift the handset and Press numeric key * 2 1 * (U.K: *2*)
2. Dial your own extension number and press #, press \( \) to hang up

To re-enter the group:

Lift the handset and press numeric keys # 21 #, press \( \) to hang up (UK:#2#)

If you are authorized, you can divert all calls to a group, to another extension or another group:

1. Lift the handset and press numeric key * 2 4 *
2. Dial number of the group to be diverted, Press numeric key *
3. Dial extension number to the new answering position, press # press \( \) to hang up

To cancel the diversion:
1. Lift the handset and press numeric key # 2 4 *
2. Dial the number of the group that has been diverted
3. Press numeric key #, press \( \) to hang up

Direct inward system Access - DISA
If you are assigned to use this feature and you are working externally, you can call your office and get access to an external line in order to make business calls.
With common authorization code:

1. Lift the handset and call the DISA feature in your office.
2. You receive dial tone, press numeric key: * 7 2 *
3. Dial the authorization code and press numeric key #
4. You receive a dial tone, Dial external number

With individual Authorization code:

1. Lift the handset and call the DISA feature in your office.
2. You receive dial tone, press numeric key: * 7 5 *
3. Dial the *authorization code* and press numeric key *
4. You receive a dial tone, Dial *external number*, press *
5. Dial your *own extension number* and press 
6. You receive a dial tone. Dial external number

**Authorization code, Common**

If you are authorized to use a common authorization code (1 to 7 digits) you can temporarily change any phone used within the telephone system to the authority level connected to this code.

For a single call:
1. Lift the handset and press numeric key * 7 2 *
2. Enter *authorization code* and press 
3. You receive a verification tone, Dial the digit or digits to get an external line and the external number.

To open an extension for several calls:
1. Lift the handset and press numeric key # 7 3 *
2. Enter *authorization code* and press 
3. You receive a verification tone.

To lock an extension:
1. Lift the handset and press numeric key * 73*
2. Enter *authorization code* and press 
3. You receive a verification tone.
**Authorization code, individual**
If you are authorized to use an individual authorization code (1-7 digits, affiliated to your own extension) you can lock your own extension to a common authority level, e.g. when out of the office. You can also temporarily change any other phone used within the telephone system to the same authority level as you have on your own phone. The individual code can be changed from your own extension.

To lock the phone:
1. Lift the handset and press numeric key *76*
2. Enter *authorization code* and press #
3. You receive a verification tone.

To make calls with your authority level when your phone is locked:
1. Lift the handset and press numeric key *75*
2. Enter *authorization code* and press #
3. Dial the digit or digits to get an external line and the external number.

To open your phone:
1. Lift the handset and press numeric key #76#
2. Enter *authorization code* and press #
3. You receive a verification tone.

To assign your own authority level to another phone:
Lift the handset and press numeric key *75*
1. Enter *authorization code* and press *
2. You receive verification tone
3. Enter your *own extension number* and press #
4. You receive verification tone, Dial the digit or digits to get an external line and the external number.

To change your individual authorization code:
Lift the handset and press numeric key *74*
1. Enter *old authorization code* and press *
2. Enter *new authorization code* and press #
3. You receive verification tone.
Call Records/Call log

View Call Records
Press or scroll the list. Hold the key for 3s could activate fast scrolling.

Press ▲ or ▼ to scroll the list. Hold the ▲ / ▼ key for 3s could activate fast scrolling.

To view the call categories:
1. Press ◂c > CALL RECORD
2. Press ▲ or ▼
3. Select category “MISSED CALL” / “DIALED CALL”/“ANSWERED CALL”
4. Press ◂c or ▶ to view the calls list.
5. Press ▲ or ▼ to scroll the list. Hold the ▲ / ▼ key for 3s could activate fast scrolling.

Delete Call Records
1. When you will see ‘DELETE?’ press ‪ to confirm or ‪ or ‵ to cancel the deletion.
2. If you want to delete ALL the records, press and hold ‪ for 3 seconds.
3. When you will see ‘DELETE ALL?’ press ‪ to confirm or ‪ or ‵ to cancel the deletion.

Note: If the phone was locked, you need to enter the password for deleting the phonebook entries and speed dial memories (see “Set Lock State”).

Save One-touch / Two-touch memory / Phonebook from Call Records
1. Select the call record that you wish to save. Press ‪ to confirm
2. Input the Name and press ‪ twice
3. The display shows ‘M? ☐? ’, press (M1-M7) or SHIFT+(M0-M7) or ‪ to save

Dial Back from Call Records
1. Select the call record that you wish to call.
2. Lift the handset or press either ′/○ or ‹
Area Code Filter
If area code was set (see “Area code setting”), the phone will compare and filter the initial digits of the incoming number.

An example:

The area code was set “755”.

If the incoming call’s number is “755-12345678”, then caller ID will be displayed “12345678” while “755” will be filtered.

Note: Only numbers with 7 digits or longer could be filtered the area code. Otherwise the complete number with area code will be displayed.

Speed Dial Memory

There are seven keys (M1-M7) for storing frequently used number. You can store two numbers per key by using (shift+M1-M7)

Save a Memory
1. Replace the handset on the phone
2. Press memory key (M1 to M7) or "second level" memory keys (Shift + M1 to M7)
3. Press and enter the name to be saved
4. Press and enter the number to be saved
5. Press key again to complete saving

Note: For some rare conditions it may be useful to insert a pause between e.g. the area code and the phone number. To do this; enter the area code, press the pause key and then continue with the telephone number.

Dial from a Memory key
1. Pick up the handset or press
2. Press memory key (M1 to M7) or "second level" memory keys (Shift + M1 to M7) to be dialed

Delete Memory
1. Replace the handset on the phone
2. Press memory key (M1 to M7) or "second level" memory keys (Shift + M1 to M7) to be deleted
3. Press and you will see ‘DELETE?’, then press to confirm the deletion
Note: If the phone was locked, you need to enter the password for deleting the phonebook entries and speed dial memories (see “Set Lock State”).

Phonebook

Explore Phonebook
1. Press 4, the display shows “SEARCH”.
2. Press ▲ or ▼ to select “SEARCH” or “ADD”.

Search the Phonebook
1. Select SEARCH and press 4 key to enter Phonebook viewing state
2. Press ▲ or ▼ to view the records. Hold the ▲ / ▼ key for 3s will activate fast scrolling. It is also possible to view the phonebook by using the number keys. Pressing dialing key 2 (= “abc”) once will return the first contact starting with letter “A”, pressing twice the first name on “B” will be presented and so on.
3. Lift the handset or press either 〈/〉 or ▶ to dial out.

Add Contact to Phonebook
1. Select ADD and press 4 key to enter into Phonebook modification state.
2. Enter the name you wish to record and press 4 to save.
3. Enter the number using the dial pad and press 4 to save.

Note: Pressing ⌫ in phonebook entry mode is the same as “back space”.

Protect Memories
It is possible to set a password in the telephone for speed dial memories and phone book entries. Please see “Set Password” found below under the paragraph for “Phone setting”.

Delete Contact in Phonebook
1. In Phonebook viewing state, press ▲ or ▼ to find the record you want to delete.
2. Press ⌫ and you will see ‘DELETE?’, and then press ⌫ to confirm the deletion.
3. If you want to delete all the records, press ⌫ for 3 seconds. Then you will see ‘DELETE ALL?’ and then press ⌫ to confirm.

Note: If the phone was locked, you need to enter the password for deleting the phonebook entries (see “Set Lock State”).
Caller ID display

After receiving a new incoming call, the number will be displayed on the LCD and hold for 10s, during this time, if received another new call, it will continue to display for 10s and then display the new corresponding call.

The Caller ID information is presented in the display and includes alpha numeric presentation of [Number], [Name], [Time] and additional information indicated with the Icons shown below.

REP = Repeat call
NEW = New missed call
= Missed call
= Received call

The display below indicates where in the display the Caller ID information is presented.

![Display Example]

Call Record/Call log Information

The above mentioned information related to incoming and outgoing calls is stored in the Call Records memory. If the record is full, the next incoming call will replace the oldest record one by one.

After viewing new missed incoming calls, the NEW icon will disappear, and missed icon will be shown.

When there is new call, the new call indicator LED will flicker. Pick up and the record will become received calls.
Shortcut key to view records

When the phone is in idle, press ▲ or ▼ to view all the call records.

The call details are displayed below:

![Call record example](image)

Note: “12:00” indicate the call’s time and 9/3 indicates the date. Either one of the icons can be displayed depending on the status for the call.

Call duration time

The call duration is presented in the bottom row. In the picture below 00:06 indicates that the duration of this outgoing call was 6s.
Phone Setting

Display Menu
- Press to enter into main menu.
- Press or to scroll up and down for different options.
- Press or to enter the submenu / confirm selection.
- Pressing to visit the previous menu
- Press to exit the menu

<table>
<thead>
<tr>
<th>Main menu</th>
<th>Submenu</th>
<th>Settings</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHONE SETTING</td>
<td>SET LANGUAGE</td>
<td>English, Italiano, Português, Deutsch, Español, Français</td>
<td>ENGLISH</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>RING VOL</td>
<td>OFF / LOW / HIGH</td>
<td>HIGH</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>RING MELODY</td>
<td>RING 1 ~ 8</td>
<td>RING 1</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET HANDSET VOL</td>
<td>1 ~ 4</td>
<td>3</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET HANDSFREE VOL</td>
<td>1 ~ 8</td>
<td>7</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET PASSWORD</td>
<td>4 digits combination</td>
<td>0000</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET LOCK STATE</td>
<td>LOCK / UNLOCK</td>
<td>UNLOCK</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>LCD CONTRAST</td>
<td>1 ~ 4</td>
<td>2</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET FLASH TIME</td>
<td>100ms / 200ms / 300ms / 400ms / 600ms / 900ms</td>
<td>100ms</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>SET TIME/DATE</td>
<td>24H, MM/DD</td>
<td>00:00, 01/01</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>DATE FORMAT</td>
<td>MM/DD or DD/MM</td>
<td>MM/DD</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>TIME FORMAT</td>
<td>12/24 HOURS</td>
<td>12H</td>
</tr>
<tr>
<td>PHONE SETTING</td>
<td>LOCAL AREA CODE</td>
<td>3 ~ 5 digits combination</td>
<td>- - - - -</td>
</tr>
<tr>
<td>CALL RECORD</td>
<td>MISSED CALL</td>
<td>(View only)</td>
<td></td>
</tr>
<tr>
<td>CALL RECORD</td>
<td>DIALED CALL</td>
<td>(View only)</td>
<td></td>
</tr>
<tr>
<td>CALL RECORD</td>
<td>ANSWERED CALL</td>
<td>(View only)</td>
<td></td>
</tr>
<tr>
<td>ALARM SETTING</td>
<td>ALARM CLOCK</td>
<td>24H</td>
<td>00:00</td>
</tr>
<tr>
<td>ALARM SETTING</td>
<td>ALARM INTERVAL</td>
<td>5/10/15 / 30 min</td>
<td>10 min</td>
</tr>
<tr>
<td>ALARM SETTING</td>
<td>ALARM ON/OFF</td>
<td>ON/OFF</td>
<td>OFF</td>
</tr>
</tbody>
</table>
Settings

Set Language
1. Press ➤ PHONE SETTING ➤ SET LANGUAGE
2. Press ▲ or ▼ to choose the favorite language (English, Italiano, Português, Deutsch, Español, Français)
3. Press ➤—➤ or ➤ to confirm

Set Ring Volume
1. Press ➤ PHONE SETTING ➤ RING VOL
2. Press ▲ or ▼ to adjust the ringer volume (OFF / LOW / HIGH)
3. Press ➤—➤ or ➤ to confirm

Set Ring Melody
1. Press ➤ PHONE SETTING ➤ RING MELODY
2. Press ▲ or ▼ to choose ring melody (MELODY 1 to 8)
3. Press ➤—➤ or ➤ to confirm

Set Handset Volume
1. Press ➤ PHONE SETTING ➤ SET HANDSET VOL or Pick up the handset
2. Press ▲ or ▼ to adjust the volume on the handset.

<table>
<thead>
<tr>
<th>Handset Volume</th>
<th>Display Icon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4 (max)</td>
<td>▂▆▆▆▆</td>
</tr>
<tr>
<td>Level 3</td>
<td>▂▆▆</td>
</tr>
<tr>
<td>Level 2</td>
<td>▂▆</td>
</tr>
<tr>
<td>Level 1 (min)</td>
<td>▂</td>
</tr>
</tbody>
</table>

3. Press ➤—➤ or ➤ to confirm
Set Handfree Volume

1. Press \( \text{SET} \) > PHONE SETTING > SET HANDSFREE VOL or Press \( \text{Left/Right} \) to activate handsfree
2. Press \( \uparrow \) or \( \downarrow \) to adjust the volume on handsfree loudspeaker.

<table>
<thead>
<tr>
<th>Handfree Volume</th>
<th>Display Icon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 8 (Max.)</td>
<td>▁▂▃▄▆▇</td>
</tr>
<tr>
<td>Level 7</td>
<td>▁▂▃▄▆▇</td>
</tr>
<tr>
<td>Level 6</td>
<td>▁▂▃▄▆</td>
</tr>
<tr>
<td>Level 5</td>
<td>▁▂▃▄</td>
</tr>
<tr>
<td>Level 4</td>
<td>▁▂▃</td>
</tr>
<tr>
<td>Level 3</td>
<td>▁▂</td>
</tr>
<tr>
<td>Level 2</td>
<td>▁</td>
</tr>
<tr>
<td>Level 1 (Min.)</td>
<td>▁</td>
</tr>
</tbody>
</table>

3. Press \( \text{SET} \) or \( \text{Confirm} \) to confirm

Set Headset Volume

1. Plug in the headset
2. Press \( \text{Left/Right} \)
3. Press \( \uparrow \) or \( \downarrow \) to adjust the volume on the handset.

<table>
<thead>
<tr>
<th>Headset Volume</th>
<th>Display Icon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 4 (max)</td>
<td>▁▂▃▄▆</td>
</tr>
<tr>
<td>Level 3</td>
<td>▁▂▃▄</td>
</tr>
<tr>
<td>Level 2</td>
<td>▁▂▃</td>
</tr>
<tr>
<td>Level 1 (min)</td>
<td>▁▂</td>
</tr>
</tbody>
</table>

4. Press \( \text{SET} \) or \( \text{Confirm} \) to confirm

Factory Reset

1. In idle mode, Press \( * \# 06* \)
2. Press: \( \text{Left/Right} \)
3. Press \( \text{Confirm} \) to confirm reset
Set Password - Configuration lock

The activation of the protection lock in the telephone is done in two steps: First a four (4) digit password is defined by the user. Then the lock state must be selected.

1. Press → PHONE SETTING > SET PASSWORD
2. Press numeric keys to input the OLD password (default – ‘0000’)
3. Press ← or → to confirm the OLD password
4. Press numeric keys to input the NEW password
5. Press ← or → to confirm the NEW password
6. Enter the NEW password again for reconfirmation
7. Press ← or → to complete the setting

Set Lock state

The lock state protects the content of the phone book and speed dial memories. It is possible to lock and unlock the protection function

1. Press ← PHONE SETTING > SET LOCK STATE
2. When the display shows “ENTER PASSWORD”, enter the password

If the phone was locked:

1. The display shows “UNLOCK?”
2. Press ← or → to unlock / Press ↑ or ↓ to quit without change

If the phone was unlocked (default):

1. The display shows “LOCK?”
2. Press ← or → to lock / Press ↑ or ↓ to quit without change

Note: The phone was default unlocked. While the state is changed to ‘LOCK’, you need to enter password for deleting the speed dial memory keys and phonebook entries that are lock protected (see “Menu Operation”)

LCD Contrast

1. Press ← PHONE SETTING > LCD CONTRAST
2. Press ▲ or ▼ to adjust the display contrast
3. Press ← or → to confirm
Set Time/Date
1. Press <phone button> > PHONE SETTING > SET TIME/DATE
2. Press ▲ or ▼ to adjust the “time”
3. Press <phone button> or ► to confirm
4. Press ▲ or ▼ to adjust the “date”
5. Press <phone button> or ► to confirm

Date Format
1. Press <phone button> > PHONE SETTING > DATE FORMAT
2. Press ▲ or ▼ to select the date format (MM/DD or DD/MM)
3. Press <phone button> or ► to confirm

Time Format
1. Press <phone button> > PHONE SETTING > TIME FORMAT
2. Press ▲ or ▼ to select the time format (12 Hours or 24 Hours)
3. Press <phone button> or ► to confirm

Area code setting
1. Press <phone button> > PHONE SETTING > LOCAL AREA CODE
2. Press ▲ or ▼ to set each digit
3. Press ► to confirm and move to next digit setting. The area code can be set in maximum 5 digits combination
4. After finishing the setting press ► twice or move to the last digit and leave
Alarm function

The telephone has a built in alarm that can be used e.g. as a wake up alarm. The real time clock in the telephone is used. The alarm function is set by setting the alarm time.

When the alarm is sounding, press or just lift the handset and the alarm will be turned off.

If the signal is not shut off manually it will keep on alarming for the whole alarm duration time.

The preset time will remain active until the alarm function is deactivated.

Alarm Setting

Alarm clock
The alarm clock should be set as 24H, HH/MM and phone should then activate the alarm in 5 sec after the local clock reached the set time in alarm clock

1. Press > ALARM SETTING > ALARM CLOCK
2. Press or to adjust the time
3. Press or key to confirm

Alarm interval
Options for selecting the desired alarm interval:

1. Press key > ALARM SETTING > ALARM INTERVAL
2. Press or to select the alarm interval (5 / 10 / 15 / 30 min; default 10 min)
3. Press or key to confirm

Alarm ON/OFF

1. Press key > ALARM SETTING > ALARM ON/OFF
2. Press or to select ON / OFF to enable / disable the alarm
3. Press or key to confirm
System Dependent Phone setting

Message Waiting Memory (MWM)
The message waiting memory normally stores the number to reach the voicemail box.

Save MWM
1. Place the handset on the phone and press ❈
2. Press ☎️ and enter the number to be saved
3. Press ✕ key again to complete saving

Dial from a MWM
1. Pick up the handset or press ‘Speaker/Handset’
2. Press ⬇️

Delete MWM
1. Place the handset on the phone
2. Press ❎
3. Press ✎

Message Waiting LED
When there is a message, the message waiting LED will be lighted ON or flashing in blue.

When there’s message waiting to be read, the message waiting LED will be lighted ON or flashing in red.

The Message Waiting switch (at the back of the phone) is used to select the appropriate MW mode (HV / + / -). Please check the MW type of the connected PBX to work with the phone. Select “OFF” on the MW switch to deactivate the message waiting function.

If the LED is steady active, change the message waiting switch position.
Set Flash time

Some systems require a different flash time for the flash key. To change the flash time, proceed as follows:

1. Press ➤ PHONE SETTING > SET FLASH TIME
2. Press ▲ or ▼ to select the needed flash time
3. Press ➤ or ➤ to confirm

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Programming key sequence</th>
<th>Lock Protected</th>
<th>Valid Settings</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set flash time</td>
<td>[save]+[#]+[0]+[1]+[#]+[/X]+[#]</td>
<td>Yes</td>
<td>1: 100ms 2: 200ms 3: 300ms 4: 400ms 6: 600ms 9: 900ms</td>
<td>100ms</td>
</tr>
</tbody>
</table>
# Telephone Specification

## Main Characteristics

<table>
<thead>
<tr>
<th>Professional Telephone</th>
<th>Single line</th>
</tr>
</thead>
<tbody>
<tr>
<td>Signaling</td>
<td>Analog (DTMF)</td>
</tr>
<tr>
<td>Market Certification</td>
<td>Europe (CE)</td>
</tr>
<tr>
<td>Body Color</td>
<td>Dark grey</td>
</tr>
</tbody>
</table>

## Features

<table>
<thead>
<tr>
<th>Language Support (Display)</th>
<th>English, Italian, Portuguese, German, Spanish, French</th>
</tr>
</thead>
<tbody>
<tr>
<td>Visual indicator for incoming call</td>
<td>Flashing LED</td>
</tr>
<tr>
<td>DTMF dialing</td>
<td>Yes</td>
</tr>
<tr>
<td>Phone book</td>
<td>Stores 100 telephone numbers</td>
</tr>
<tr>
<td>Last number Redial</td>
<td>Yes</td>
</tr>
<tr>
<td>Flash function (R) Programmable flash time</td>
<td>100 ms (default) 100 ms (default), 200 ms, 300 ms, 400 ms, 600 ms, 900 ms</td>
</tr>
<tr>
<td>Hearing aid compatible</td>
<td>Yes</td>
</tr>
<tr>
<td>Volume control</td>
<td>Handset / Headset (4 levels) Handsfree (8 levels)</td>
</tr>
<tr>
<td>Microphone Mute</td>
<td>Yes</td>
</tr>
<tr>
<td>Music on Hold</td>
<td>Yes</td>
</tr>
<tr>
<td>Call Waiting indication</td>
<td>Yes</td>
</tr>
<tr>
<td>Message Waiting (MW )</td>
<td>4 alternatives supported: MW+/MW-/HV/Off</td>
</tr>
<tr>
<td>Caller ID display</td>
<td>FSK and DTMF signaling – according to selected parts of ETSI EN300 659-1, -2, -3</td>
</tr>
<tr>
<td>Call List: Incoming and missed calls</td>
<td>50 call records/call list</td>
</tr>
<tr>
<td>Call List: Outgoing calls</td>
<td>50 call records</td>
</tr>
<tr>
<td>Reset calling/redial list</td>
<td>Erase content</td>
</tr>
<tr>
<td>Call Timer</td>
<td>Yes</td>
</tr>
<tr>
<td>Real time clock</td>
<td>Yes</td>
</tr>
<tr>
<td>Alarm clock</td>
<td>Yes</td>
</tr>
<tr>
<td>Moth / Date presentation</td>
<td>Yes</td>
</tr>
<tr>
<td>Delete calling/redial list</td>
<td>Yes</td>
</tr>
<tr>
<td>Handsfree Loudspeaker or</td>
<td>Default (Headset disabled)</td>
</tr>
<tr>
<td>Head set pre-set mode</td>
<td>(Hands free disabled)</td>
</tr>
<tr>
<td>Configuration Lock (4-digit pass-code)</td>
<td>speed-dial memory and phone book content</td>
</tr>
<tr>
<td>Ringer melody</td>
<td>8 types</td>
</tr>
<tr>
<td>Ringer volume</td>
<td>2 levels</td>
</tr>
<tr>
<td>Ringer silence</td>
<td>Yes</td>
</tr>
<tr>
<td>Memory protection with pass word</td>
<td>Yes</td>
</tr>
<tr>
<td>Data port</td>
<td>For connecting the PC to the telephone line</td>
</tr>
</tbody>
</table>
### Hardware

<table>
<thead>
<tr>
<th>Feature</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LCD Display</strong></td>
<td></td>
</tr>
<tr>
<td>Line 1: Functional icons</td>
<td></td>
</tr>
<tr>
<td>Line 2: 16 digits (7-segment)</td>
<td></td>
</tr>
<tr>
<td>Line 3: 16 characters (5x7 dot matrix)</td>
<td></td>
</tr>
<tr>
<td>Speed dialing keys</td>
<td>8</td>
</tr>
<tr>
<td>Memory card</td>
<td>1</td>
</tr>
<tr>
<td>Redial/Pause</td>
<td>1</td>
</tr>
<tr>
<td>Flash key (R)</td>
<td>1</td>
</tr>
<tr>
<td>Mute key with LED</td>
<td>1</td>
</tr>
<tr>
<td>Handsfree / Headset pre-set key with LED</td>
<td>1</td>
</tr>
<tr>
<td>Hold key with LED</td>
<td>1</td>
</tr>
<tr>
<td>MW with LED indicator</td>
<td>1</td>
</tr>
<tr>
<td>Volume control</td>
<td>2</td>
</tr>
<tr>
<td>Save</td>
<td>1</td>
</tr>
<tr>
<td>Call list key</td>
<td>1</td>
</tr>
<tr>
<td>Delete key</td>
<td>1</td>
</tr>
<tr>
<td>Goodbye key / Hang up</td>
<td>1</td>
</tr>
<tr>
<td>Handset receiver</td>
<td></td>
</tr>
<tr>
<td>Electro-dynamic</td>
<td></td>
</tr>
<tr>
<td>Microphone</td>
<td></td>
</tr>
<tr>
<td>Electret</td>
<td></td>
</tr>
<tr>
<td>Tone ringer</td>
<td></td>
</tr>
<tr>
<td>Piezo type</td>
<td></td>
</tr>
<tr>
<td>Headset interface</td>
<td>1</td>
</tr>
<tr>
<td>Data port</td>
<td>1</td>
</tr>
<tr>
<td>Wall mounting</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Accessories

<table>
<thead>
<tr>
<th>Feature</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connection cable, RJ11/ RJ45</td>
<td>1 pcs, 2 meters (not included)</td>
</tr>
<tr>
<td>Number card</td>
<td>1 pcs (not included)</td>
</tr>
</tbody>
</table>
Wall Mounting

1. Place the mounting plate on the wall and mark the drill holes.
2. Drill the holes and insert the expansion bolts.
3. Hang the phone on the mounting plate.

Dimensions:
- 3 mm
- Ø 10 mm
- Max 5 mm

100 mm
36 mm
54 mm
200 mm
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Details to be found at www.aastra.com/sdoc

EU