



## Aastra Dialog 4000 Analog Telephones

Telephones that offer you all the performance and reliability you require to move your business ahead...

Welcome to a new standard of communications – the Aastra Dialog 4000 Analog telephones. These are the telephones that have been designed as invaluable business tools that offer the ultimate in performance and durability.

The Aastra Dialog 4000 Analog telephones connect to analog extensions of business or public telecommunication systems and offer you advanced features for effective business or private communications. All powered by the extension line, these analog telephones come especially designed to fit into any environment, whether it is a service area, a hotel room, an office or your home. Regardless of how you choose to use the telephones, you can be sure to benefit from features like the integrated headset support, display of calling number, the last number redial feature, the handsfree feature or the integrated phone book.

Each and every telephone embodies unbeatable ergonomic details designed to provide maximum comfort and practical usability. Simple to handle and yet so highly reliable, these are telephones that you can depend on to be effective communication tools no matter where, when or how you choose to use them.

Dialog 4000 Analog telephones are available in three different models – Basic, Medium/Hotel and Plus – with each model especially developed to take on the different and demanding needs of business and private users.



Dialog 4106 Basic



Dialog 4147 Medium/Hotel



Dialog 4187 Plus

Needless to say, the Dialog 4000 Analog telephones embody all the quality and functionality to make communications simple and reliable. The telephones allow you to choose the phone that incorporates the functionality most suitable for your office or private needs, both for now and the future.

#### Dialog 4106 Basic

The classic telephone that offers a solid platform of features designed for basic needs, making this the ideal telephone for use in office visitor or service areas, or as an extra telephone at home. The Dialog 4106 features four programmable function keys for speed dialing or service requests, mute key for switching off the microphone, redial key for fast last number access and support for a message waiting indicator (LED) function (switch controlled).

#### Telephone highlights:

Message waiting LED (switch controlled)

4 programmable function keys  
(including a key for Message waiting)

Last number redial

Mute function

R-key (with flash 100 ms)

Tone dialing (DTMF)

Powered by the line

#### Dialog 4147 Medium/Hotel

This versatile telephone is designed to be easily adapted to suit various user needs in offices, hotels or homes. It comes equipped with sixteen programmable function keys that can be locked to prevent unwanted user changes and used for speed dialing or service requests. The telephone also offers an extra line interface/data port for easy connection to a PC or fax, and support for a message waiting indicator function (switch controlled), making it the ideal hotel telephone. Moreover the Dialog 4147 features a loudspeaker function ideal for use in business or private conversations where more people need to listen in or for simple voice monitoring. This enables for e.g., listening to telephone services (voice response systems, news, etc.), a mute key for switching off the microphone, a redial key for fast last number access and even an integrated headset port allowing a headset to be plugged directly into the telephone, with switching between the headset and the handset controlled by a key.

#### Telephone highlights:

Message waiting LED (switch controlled)

8 programmable, lockable function keys (with 2 functions per key)

Last number redial

Headset support

Extra line interface/data port for connection of PC/modem or fax

R-key (with flash 100/600 ms)

Tone dialing (DTMF)

Loudspeaker function

Extension-line powered

#### Dialog 4187 Plus

This is the most advanced telephone in the Dialog 4000 Analog range of telephones – sophisticated, and extremely user friendly and practical. The telephone incorporates a wide range of features designed to make business or home communications as effective as possible, like the handsfree speaking function, ideal for telephone and conference meetings, and the alphanumeric LCD display that can be easily tilted for a perfect view that displays the calling number, time, date and duration of call as well as the last-dialed numbers.

Other usable features are the integrated telephone book enabling dial by name, an integrated headset port allowing a headset to be plugged directly into the telephone – with the switching between the headset and the handset controlled by a key – a mute key for switching off the microphone and redial memory for fast access to dialed numbers.

Moreover the Dialog 4187 also features up to 20 programmable function keys that can be locked to prevent unwanted user changes and used for speed dialing or service requests, an extra line interface/data port for easy connection to a PC or a fax, support for message waiting indicator function (switch controlled) and even an alarm clock feature with reminder and wake-up signals.

#### Telephone highlights:

Message waiting LED (switch controlled)

10 programmable, lockable function keys  
(with 2 functions per key)

Calling number presentation

Call list (latest 50 incoming and outgoing calls)

Headset support (with a dedicated key)

Extra line interface/data port for connection to PC/modem

R-key (with flash 100 ms but re-programmable to 1-999 ms)

Tone dialing (DTMF)

2\*24 alphanumeric display (can be tilted)



Dialog 4106 Basic dark grey



Dialog 4147 Medium/Hotel dark grey

- Handsfree speaking function
- Integrated telephone book (50 positions)
- Alarm clock function with alerting signal
- Call duration timer
- Auto-detecting CLI protocol that is used (FSK or DTMF)
- Powered by the line

**Tone dialing (DTMF)**

- 2\*24 alphanumeric display (can be tilted)
- Handsfree speaking function
- Local phone book with 50 positions
- Alarm clock function
- Call duration timer

**Dialog 4000 Analog telephone specifications:**

Dialog	4106	4147	4187
Length (mm)	231	231	234
Width (mm)	159	159	240
Height* (mm)	101	101	102

\*all values with display in non-tilted position

Weight (g) 620/630/820 (including base unit, handset, handset cable and feet)

**Product specifications**

- Connection to a public network or a private communication system requires an analog port/extension.
- Message waiting (MW) function requires either:
  - MX-ONE™ Telephony System (Telephony switch or Telephony server 2.0 or higher) with ELU34 board
  - BusinessPhone system with ELU -A2 or MFU board-
  - MD110 Convergence Communication System with ELU30 board \*
- Calling number presentation (CLIP) on Dialog 4187 requires either:
  - MX-ONE™ Telephony System (Telephony switch or Telephony server 2.0 or higher) with ELU34 board
  - Business Phone system with ELU-A, ELU -A2 or MFU

\*not supported in Dialog 4187

**Environmental conditions:**

Operation:	
Temperature	+5°C to +45°C
Relative humidity	10% to 90%

Storage	
Temperature	-10°C to 55°C
Relative humidity	10% to 95%

**Voice transmission:**

- Handset mode:
  - SLR: +4± 3 dB
  - RLR: -8 ± 3 dB
- Volume control:
  - 15 dB ±3 dB, in 9 steps

**Handsfree mode:**

- SLR: + 13 ± 4 dB
- RLR: -6 ± 4 dB
- Volume control: 20 dB ±3 dB, in 9 steps

**Headset interface and extra line interface/data port:**

4-pole Mini Modular Plug (MMP)

**Power:**

All telephones are extension-line powered (48V DC from extension line).

**Compliance with EU directives:**

Complies with R&TTE directive 1999/5/EC

**Compliance with other normative standards:**

- ETSI EN 301 437:1999
- ETSI TBR 38:1998
- Hearing aid according to ITU P.370 and FCC 68.316

**Tone ringer:**

- D4106; 3 tone characters and 3 volume steps + switched off.
- D4147; 5 tone characters and 3 volumes steps + switched off
- D4187; 10 tone characters and 3 volumes steps + auto + switched off

**Color:**

The Dialog 4106 and Dialog 4147 are available in light or dark grey colors. Dialog 4187 in light grey.

**Recycling:**

All Dialog 4000 Analog telephones are recyclable. Please contribute to the prevention of waste by sending used equipment to environmentally sound treatment facilities. Aastra ensures environmentally sound handling and recycling of equipment sent to any one of our collection points.

**Package content:**

- Telephone unit
- Feet
- Handset cord
- Line cord 2.0 m with connectors RJ11-RJ11 6/2
- Installation guide

**Damages and repairs:**

The Dialog 4000 Analog telephones are highly resistant to surface scratches, stains and cracking. They are also easy to keep clean. Use a soft, water-dampened cloth only. Modularity allows users to easily replace damaged parts themselves.

Replaceable parts include the handset and handset cord. Designation labels are available for Dialog 4147 and Dialog 4187.

## Use this matrix to select the telephone most suitable for your needs:

	Dialog 4106	Dialog 4147	Dialog 4187
Display	-	-	•
Adjustable display	-	-	•
Calling number presentation (CLIP)	-	-	•
Call List (50 records)	-	-	•
Display of clock and date	-	-	•
Pre-dialing (dialing like on mobile/cell phone)	-	-	•
Integrated telephone book	-	-	•
Call duration timer	-	-	•
Last number redial	•	•	•
Mute function	•	•	•
Hearing-aid compatibility	•	•	•
Adjustable ring volume and tone	•	•	•
Volume control for the handset	•	•	•
Integrated headset support	-	•	•
Volume control for headset and loudspeaker	-	•	•
Register recall-key	•	•	•
Pause key (insert pause in speed dialing no.)	•	•	•
Programmable function keys	4	2*8	2*10
Lockable programmable function keys	-	•	•
Message waiting key with LED	•	•	•
Monitoring	-	•	•
Loudspeaker	-	•	•
Handsfree speaking function	-	-	•
Alarm clock function with alerting signal	-	-	•
Extra line interface/data port	-	•	•
Powered by the line	•	•	•
Tone dialing (DTMF)	•	•	•
Wall mountable	•	•	•
Exchangeable handset and cord	•	•	•

**Accessories:**

- Handset
- Press to talk handset
- Handset cord
- Foot
- Designation Card manager kit including telephone toolbox CD and precut labels

User guides are available on the Telephone Toolbox CD and at [www.aastra.com](http://www.aastra.com)

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