

User Manual

MEDION[®]

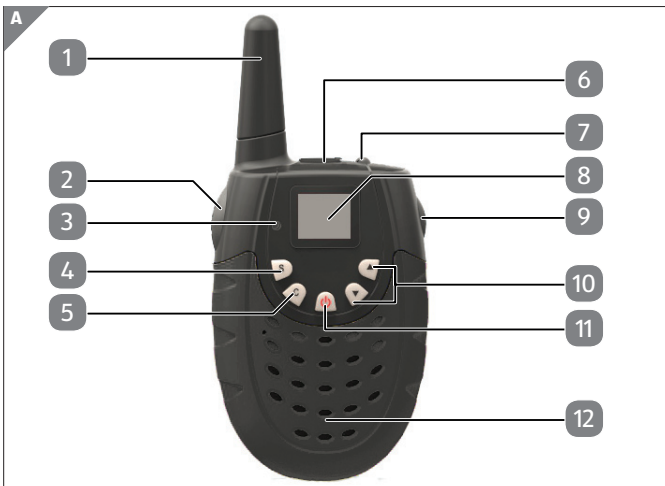
RECHARGEABLE WALKIE TALKIE

MEDION[®] E67032



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Scope of delivery/device parts

- | | | | |
|----|--------------------------------|----|--------------------------------------------------|
| 1 | Aerial | 15 | Battery compartment cover with charging contacts |
| 2 | PTT button (press to transmit) | 16 | Fitting for belt clip |
| 3 | LED | 17 | Battery compartment |
| 4 | Scan/monitor button | 18 | Display for volume, channel number |
| 5 | Call function/key lock button | 19 | Signal strength |
| 6 | 3.5 mm jack for headphones | 20 | Voice control display |
| 7 | Flashlight LED | 21 | Sound |
| 8 | Display | 22 | CTC |
| 9 | Flashlight button | 23 | Transmission display |
| 10 | Increase/decrease volume | 24 | Indicator for low battery level |
| 11 | POWER button | 25 | Key lock symbol |
| 12 | Speaker | 26 | Charging LEDs |
| 13 | Eye for carry strap | 27 | Charging cradles |
| 14 | Belt clip | 28 | Connection for mains adapter |

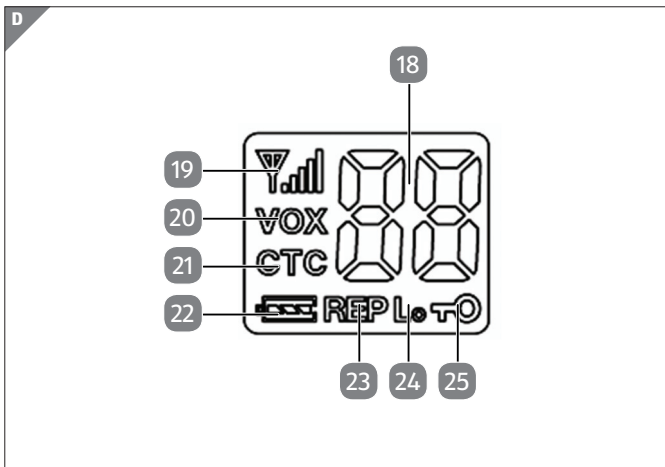


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Notes on how to use these instructions



Please read these instructions carefully before using the device. Note the warnings on the device and in the operating instructions.

Always keep the operating instructions close to hand. If you sell the device or give it away, make sure you also hand over these instructions and the guarantee slip.

Warning symbols and signal words used in these instructions



CAUTION!

Please follow the instructions to prevent injuries and property damage!

ATTENTION!

Please follow the instructions to avoid property damage.



**NOTICE!**

Additional information on using the device.

**NOTICE!**

Please follow the guidelines in the operating instructions!

- Bullet points / information on steps during operation
- ▶ Instructions to be carried out



Proper use

The devices are PMR (Private Mobile Radio) devices that do not require registration and are free of charges. They are therefore intended solely for private use.

The radio devices are used to communicate with other PMR devices. Never use the device for any other purpose.

Please note that we shall not be liable in cases of improper use:

- Do not modify the device without our consent and do not use any auxiliary equipment which we have not approved or supplied.
- Use only spare parts and accessories that we have supplied or approved.
- Heed all the information in these operating instructions, especially the safety information. Any other use is deemed improper and can cause personal injury or property damage.
- Do not use the device in extreme environmental conditions.

Safety information

People not permitted to use this device

- This device may be used by children over the age of 8 and by persons with reduced physical, sensory or mental abilities or by those without experience and/or knowledge, if they are supervised or have been instructed in the safe use of the device and have understood the dangers that result from it. Children must not be allowed to play with the device. Cleaning and user maintenance may not be carried out by children, unless they are aged 8 or over and are supervised.
- Children younger than 8 should be kept away from the device and the mains cable.

Child safety

- The radios are powered by rechargeable batteries. Rechargeable batteries can be fatal if swallowed. Therefore, you should keep the device out of reach of children. If a rechargeable battery is swallowed, it is essential to seek medical assistance immediately.
- The device emits only a low amount of radio radiation and is therefore also suitable for children. However, to further minimise the risk of radio radiation, the antenna of the radio devices should be held at a distance of at least 3 cm from the head.

Never carry out repairs yourself

- Never try to open and/or repair the devices or the mains adapter yourself. To avoid any danger, contact our Service Centre if the device is defective.

- Do not make any modifications to the device. For example, do not try to use a different antenna as this could damage the device.

Environmental requirements

- Do not expose the mains adapter to water drops or splashes. Do not use the devices in the rain. There is a risk of electric shock.
- Store the devices and the mains adapter in a dry environment.

Mains cables

- Use only the mains adapter supplied FJ-SW0600500S (Long Chuang).
- Use the mains adapter only in dry rooms.
- Connect the mains adapter only to an easily accessible and correctly installed safety socket (100–240 V ~ 50/60 Hz) that is close to the place where you have set up

the device. Keep the socket free of obstructions so that the plug can be pulled out easily.

- When disconnecting the device from the mains supply, always pull on the plug rather than on the cable.
- Do not kink or crush the mains cables.
- To avoid the risk of tripping, please avoid using extension cables.

Batteries

- The radios may only be used with the supplied batteries (EPT AAA550 mAh 3.6 V, manufacturer EPT BATTERY SHENZHEN CO. LTD).
- Before inserting the batteries, check that the contacts in the device and on the batteries are clean and, if necessary, clean them.
- Replace the old batteries only with batteries of the same type.
- Never short-circuit the batteries.

- Keep batteries away from children.
- Do not throw rechargeable batteries into a fire, do not short-circuit them and do not dismantle them.
- Please note the polarity (+/-) when inserting the battery block.
- Remove the battery block if the unit will not be used for long periods.
- Remove spent batteries from the device immediately! There is an increased risk of leakage!
- Never expose the batteries to excessive heat such as direct sunlight, fire or similar. There is an increased risk of leakage!
- In the event of leakage, remove the batteries from the device immediately. Clean the contacts before inserting new batteries. There is a risk of skin irritations from battery acid!
- Caution! If battery acid has leaked

out, under no circumstances allow it to come into contact with the skin, eyes and mucous membranes! Leaked battery fluid can cause skin irritations. If the acid does come into contact with skin, immediately rinse the affected areas with plenty of clear water and consult a doctor immediately.

Power supply

The radio devices are operated with rechargeable batteries. The batteries can be charged in the devices using the supplied charging cradle (see below).

Notes on operation

- The maximum range is dependent on the environmental conditions and the building.
- Use of this civil radio is governed by the ACMA radio communications (Citizen Band Radio Stations) class license in Australia and the MED general user radio licence for citizens band radio in New Zealand. Operation is subject to the conditions contained in these licenses.

Operation

Inserting batteries

Each device is operated using a 3.6 V, 550 mAh lithium-ion battery pack (in the following referred to as “battery”) Two batteries are supplied as standard.

The battery compartment is located at the rear of the device.

- ▶ Remove the belt clip by pulling the small flap at the top of the clip backwards and pulling the belt clip upwards and off.
- ▶ Take the cover off the battery compartment in the direction indicated by the arrow.
- ▶ Insert the supplied battery into the battery compartment with the label showing. Ensure that the arrow is pointing upwards.
- ▶ Replace the battery compartment cover.
- ▶ Push the belt clip back into place.

Charging the batteries

The supplied batteries first have to be charged. You can charge the batteries in both radio devices simultaneously using the charging cradle supplied.

- ▶ Place the charging cradle on a stable, level surface.
- ▶ Insert the jack of the mains cable into the socket on the charging cradle.
- ▶ Connect the mains adapter to an easily accessible 100–240 V ~ 50/60 Hz power socket.

**CAUTION!**

- Use only the supplied mains adapter, model: FJ-SW0600500S (Long Chuang). A name plate with the relevant details can be found on the mains adapter.
- ▶ Insert one or both radios into the charging cradle with the charging contacts facing towards the charging clips.

**CAUTION!**

Do not use batteries to recharge the device! There is a risk of explosion!

Low battery indicator

- If the battery charge level is too low, there will be a beep every 10 seconds.
- If this is the case, recharge the battery in the radio using the charging cradle.

Energy-saving mode

- If there is no input or signal received by the radio for 6 seconds, the device switches automatically into energy-saving mode.
- In energy-saving mode, the device monitors the radio channel periodically and switches back to reception mode if it detects a signal.

Connecting a headset

You can connect a headset to the jack socket on the radio. If the VOX function is activated (depending on the VOX level set) the device switches automatically to transmit.




NOTICE


As soon as a headset is connected to the jack socket, the PTT button and the speaker on the radio are deactivated.

Operation



Switching the device on and off

- ▶ To switch on the device, press and hold the  button.

The display switches on and there is a beep.

- ▶ To switch the device off, press and hold the  button again.
- ▶ The display switches off and there is a beep.

Volume setting

- ▶ Press the  and  buttons to increase or decrease the volume.

The volume is shown in steps of 1–8 on the display.

Reception mode

- As soon as the radio is switched on it is in reception mode, but does not transmit any radio signals.
- When you receive a signal on the current channel, it will be heard via the speaker.
- If you press the **PTT** button, the radio switches to transmit mode.

Transmit mode

- ▶ Hold down the **PTT** button to transmit signals over the current channel.

The LED lights up red.

- ▶ Hold the radio vertically and talk at a normal volume into the microphone from a distance of around 8 cm.
- ▶ When you have finished your message, release the **PTT** button.



NOTICE

If you want other recipients to receive your transmission, they must be using the same channel and CTC group.

Transmitting a tone signal

You can transmit tone signals to other participants to let them know that you want to contact them. You can also arrange to use a tone signal to indicate the beginning or end of a transmission.

- ▶ Press the **C** button.

The LED lights up red and the tone signal will be transmitted.

**NOTICE**

You cannot transmit another tone signal until one minute has elapsed.

Channel search

The channel search scans through channels 1–80 in an endless loop until it finds a signal. Channels 22, 23, 61, 62 and 63 are omitted.

- ▶ Press the **S** button to start the channel search. The channel search will stop as soon as a signal has been found on a channel.
- ▶ Press the **PTT** button to stop the channel search and save the channel you have found.

or

- ▶ Press the ▼ and ▲ buttons to continue the search upwards or downwards.
- By pressing the **S**, **C PPT** or ⏻ buttons, you can stop the search and return to the last-used channel.

**NOTICE**



The search function only searches the channels and not CTC groups. If, however, the same CTC group is set on both devices on the same channel, the signal will be found on this channel during the channel search.

Monitor function



- ▶ Press and hold the **S** button to monitor the channel.
- ▶ As soon as you release the **S** button the monitoring stops.

Key lock




You can activate the key lock.

- ▶ To do this, press and hold the **C** button while in standby mode (display is switched off) until the key symbol appears on the display.
- When the key lock is activated, only the **C**, **PTT**,  and  buttons are active.
- ▶ To deactivate the key lock, press the **C** button until the key symbol in the display disappears.


Adjusting display illumination

While the device is turned off, press  and  simultaneously to switch on the device with activated or deactivated display illumination.



Menu functions

- ▶ Press the  button repeatedly to select the individual menus.
- ▶ Use the  and  buttons to change the values in the menus.

Changing channel

- ▶ Press the  button once to open the channel settings.

The currently set channel number flashes.

- ▶ Use the  and  buttons to select the channel number that you want to use for transmission/reception.
- ▶ Select a channel from 1–80.



NOTICE

Channels 22, 23, 61, 62 and 63 are locked, therefore only 75 channels are effectively available.



NOTICE

Channels 5 and 35 are available for emergency calls. Do not use these channels for other messages.

While in channel 5 or 35, if you press the

⏻ button twice quickly in succession the device will switch automatically into the HIGH/LOW transmission mode.


Selecting a CTC group

You can set up a CTC group for each channel.



The CTC function (actually CTCSS – Continuous Tone Coded Subaudio Squelch or Continuous Tone Coded Squelch System) allows the targeted selection of specific radio devices on a certain channel. A very low tone (pilot tone) is transmitted along with the message by the calling party. Only radio devices programmed to this tone will react to it. On reception of the identification tone, reception is activated.

- ▶ Press the ⏻ button twice to open the CTC menu. CTC appears on the display and the CTC number flashes.
- ▶ Use the ▼ and ▲ buttons to select a CTC group between 1 and 38 that you want to use for transmission/reception.
- ▶ If you do not want to use any CTC group, select the value 0.


Setting the transmission power

- ▶ Press the  button three times to set the transmission power.



PO appears on the display.

- ▶ Use the  and  buttons to set a high (no symbol appears) or low (the display Lo appears) transmission power.

Setting melody for tone signal


- ▶ Press the  button four times to set the melody for the tone signal.

C1 appears on the display.

- ▶ Use the  and  buttons to select a melody from C1 to C5.

Setting voice control (VOX)

You can adjust the sensitivity for the VOX function, which automatically switches the device into transmit mode depending on the volume of your voice. In this way, you can transmit voice signals without having to press the PTT button.

- ▶ Press the  button five times to call up the VOX settings.

- ▶ Use the ▼ and ▲ buttons to select a sensitivity from V1 to V5.

If you select V0, the VOX function is disabled.

Setting button tones

- ▶ Press the ⏻ button six times to call up the settings for button press sounds.
- ▶ Use the ▼ and ▲ buttons to select the setting **ON** (button tones activated) or **OFF** (button tones deactivated).

Setting the repeater function

You can use the repeater function to use a radio as a relay station for other radios of the same type (MD 80085).



NOTICE

If the repeater function is activated, the channels 1–8, 31–38, 41–48 and 71–78 are used with 750 kHz offset.

Channels 1–8 and 41–48 are used for reception and the channels 31–38 for transmission.

- ▶ Press the ⏻ button seven times to call up the repeater function.

REP OFF appears on the display

- ▶ Use the ▼ and ▲ buttons to select the setting **ON** (repeater function activated) or **OFF** (repeater function deactivated).

Exiting the menu

- Press the ⏻ button eight times to exit the menu.
- If you make no entry in the menu for about 6 seconds, the menu will close.
- Pressing PTT, C or S while in the menu settings will also close the menu.

Channel frequencies

The frequencies of the 80 channels are as follows:

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*1	476.4250	*41	477.4250
*2	476.4500	*42	477.4500
*3	476.4750	*43	477.4750
*4	476.5000	*44	477.5000
#5	476.5250	*45	477.5250
*6	476.5500	*46	477.5500
*7	476.5750	*47	477.5750
*8	476.6000	*48	477.6000
9	476.6250	49	477.6250
10	476.6500	50	477.6500
11	476.6750	51	477.6750
12	476.7000	52	477.7000
13	476.7250	53	477.7250
14	476.7500	54	477.7500

Channel	Frequency (MHz)	Channel	Frequency (MHz)
15	476.7750	55	476.7875
16	476.8000	56	476.8125
17	476.8250	57	476.8375
18	476.8500	58	476.8625
19	476.8750	59	476.8875
20	476.9000	60	476.9125
21	476.9250	++61	—
+22	476.9500	++62	—
+23	476.9750	++63	—
24	477.0000	64	477.0125
25	477.0250	65	477.0375
26	477.0500	66	477.0625
27	477.0750	67	477.0875
28	477.1000	68	477.1125
29	477.1250	69	477.1375
30	477.1500	70	477.1625

Channel	Frequency (MHz)	Channel	Frequency (MHz)
*31	477.1750	*71	477.1875
*32	477.2000	*72	477.2125
*33	477.2250	*73	477.2375
*34	477.2500	*74	477.2625
#35	477.2750	*75	477.2875
*36	477.3000	*76	477.3125
*37	477.3250	*77	477.3375
*38	477.3500	*78	477.3625
39	477.3750	79	477.3875
40	477.4000	80	477.4125

Notes on the table:

#Channels 5 and 35 are available for emergency calls. Do not use these channels for other messages.

In accordance with AS/NZS4365:2011, the use of these channels (CTC groups and interference) is prohibited.

+ In accordance with AS/NZS4365:2011, the transmission of voice signals when no emergency exists.

*****If the repeater function is activated, the channels 1–8, 31–38, 41–48 and 71–78 are used with 750 kHz offset.

Channels 1–8 and 41–48 are used for reception and the channels 31–38 for transmission. Use the repeater function only if you need to bridge a great distance between the radios.

If not absolutely necessary, avoid radio communications on the channels 1–8 and 41–48.

++ Channels 61, 62 and 63 are locked for future use. They cannot be activated until they have been approved for use by the ACMA CBRS class licence in Australia.

CTSS frequencies

The CTCSS frequencies are as follows:

CTCSS frequency no.	CTCSS frequency	CTCSS frequency no.	CTCSS frequency
01	67.0	20	131.8
02	71.9	21	136.5
03	74.4	22	141.3
04	77.0	23	146.2
05	79.7	24	151.4
06	82.5	25	156.7
07	5.4	26	162.2
08	88.5	27	167.9
09	91.5	28	173.8
10	94.8	29	179.9
11	97.4	30	186.2
12	100.0	31	192.8
13	103.5	32	203.5
14	107.2	33	210.7

CTSS frequency no.	CTSS frequency	CTSS frequency no.	CTSS frequency
15	110.9	34	218.1
16	114.8	35	225.7
17	118.8	36	233.6
18	123.0	37	241.8
19	127.3	38	250.3

Cleaning

- ▶ Disconnect the device from the power supply.
- ▶ Wipe the device with a dry, lint-free cloth. Do not use strong cleaning agents to clean the device, as they can damage the casing.

Disposal



Packaging

All packaging and packaging materials that are no longer required can and should be recycled.



Device

Do not dispose of the devices with the household rubbish at the end of their useful life. Enquire about the options for environmentally friendly and appropriate disposal.





Batteries

Do not dispose of used batteries in the household rubbish. Take the batteries to a collection point for used batteries.

Technical data

Power supply (per device)

Mains adapter model:	FJ-SW0600500S (Long Chuang, China)
Input:	AC 100-240V ~50/60Hz
Output:	DC 6 V  500mA
Battery pack:	3.6 V  550 mAh AAA Ni-MH rechargeable battery pack

Number of channels:	75
CTCSS subcodes:	38
Frequency range:	476.4250-477.4125 MHz
Range:	approx. 5 km (depending on environmental conditions)

Dimensions

(W x H x D) : 58 x 128 x 32.5 mm

Weight (incl. battery) per device: 95 g

Subject to technical changes.



N26968



MEDION®

**Rechargeable Walkie Talkie
Medion® E67032**

Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

AFTER SALES SUPPORT

  **1300 884 987**

 www.medion.com.au



MEDION®

**Rechargeable Walkie Talkie
Medion® E67032**

Repair and Refurbished Goods or Parts Notice

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type of use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 884 987 or write to us at:

MEDION Australia Pty Ltd

St Leonards, NSW 2065

Australia

AFTER SALES SUPPORT

  **1300 884 987**

 www.medion.com.au

Warranty Certificate

PRODUCT NAME Rechargeable Walkie Talkie E67032

BRAND NAME MEDION®

PRODUCT NUMBER 51975

MODEL NUMBER MD 80085

Name

Address

Email

Daytime Tel No

Date of Purchase

Serial Number

We recommend that you attach a photocopy of your receipt, showing the date of purchase, to this Warranty certificate and **keep for your reference**. Please do not send to the address below.

In the event of a product fault, please call the Customer Service hotline. Please ensure that you have the product details (as shown on this card) at hand so that we are able to respond as quickly and efficiently as possible.

MEDION Australia Pty Ltd
St. Leonards, NSW 2065
Australia
MEDION Help Desk 1300 884 987
(Operating Hours: Mon-Fri 08:30AM to 06:00PM EST)
Australia@medion.com www.medion.com.au

1
YEAR
WARRANTY

AFTER SALES SUPPORT



AUS 1300 884 987



www.medion.com.au

12/2015



Warranty Certificate

Congratulations! You have made an excellent choice of this quality product. Our commitment to quality also includes our service. Should you, contrary to expectations, experience defects due to manufacturing faults, ALDI will provide you with a warranty against defects as follows:

Warranty

The product is guaranteed to be free from defects in workmanship and parts for a period of 1 year from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Proof of Purchase

This warranty is valid for the original purchase and is not transferable. Please keep your purchase docket, tax invoice or receipt as the best proof of purchase, and as proof of date on which the purchase was made.

Extent of Warranty

This warranty is limited to defects in workmanship or parts. All defective products or parts will be repaired or replaced. This warranty does not cover batteries or any other consumable items.

Normal Wear and Tear

This warranty does not cover normal wear and tear to the products or parts.

Exclusions

This warranty does not cover:

- Any defects caused by an accident, misuse, abuse, improper installation or operation, lack of reasonable care, unauthorised modification, loss of parts, tampering or attempted repair by a person not authorised by the distributor.

- Any product that has not been installed, operated or maintained in accordance with the manufacturer's operating instructions provided with the product.
- Any product that has been used for purposes other than domestic use.
- Any damage caused by improper power input or improper cable connection.

To Make a Claim

This warranty against defects is provided by ALDI Stores, Locked Bag 56, St. Marys Delivery Centre, NSW 2760, Phone (02) 9675 9000. If a defect in the goods appears within 1 year, you are entitled to claim a warranty, please contact or send all warranty claims to:

MEDION Australia Pty Ltd

St Leonards, NSW 2065

Australia

Hotline: 1300 884 987 (Opening hours: Mon - Fri 08:30AM to 06:00PM EST)

Internet www.medion.com.au

E-mail Support australia@medion.com

When making a return, please ensure the product is properly packaged so as to ensure that no damage occurs to the product during transit.

Please provide the original or a copy of the proof of purchase. Also please make sure you have included an explanation of the problem.

Please note the costs of making a warranty claim, including any return postage, will be covered by the supplier identified above.

Please note that upon receiving your warranty claim, the supplier will send, via the post or email, a repair and refurbished goods or parts notice. Please provide your email address and advise the supplier, if you wish to obtain a repair and refurbished goods or parts notice via email.



AFTER SALES SUPPORT

  **1300 884 987**

 **www.medion.com.au**

12/2015



Made in China

MEDION AG
AM ZEHNTHOF 77
45307 ESSEN
GERMANY
www.medion.de

AFTER SALES SUPPORT



1300 884 987



www.medion.com.au



MODEL: MD 80085

PRODUCT CODE: 51975

12/2015

1
YEAR
WARRANTY