

ENGLISH

**DH 2028**  
microcassette

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Batterien	Batterier
Batteries	Batterierne
Piles	Batterier
Pile	Pilas
Batterijen	

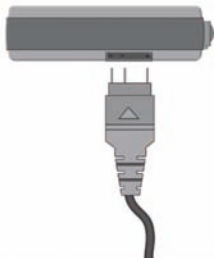
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Akkuset 462  
 Rechargeable batteries 462  
 Accumulateurs 462  
 Set di accumulatori 462  
 Accuset 462  
 Akkuset (ackumulator) 462  
 Akkumulatorsæt 462  
 Oppladbare batterier 462  
 Juego de baterías 462

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Netzbetrieb  
 Mains operation  
 Alimentation secteur  
 Funzionamento con  
 alimentazione dalla rete  
 Aansluiting op het lichtnet  
 Nätanslutning  
 Netdrift  
 Lysnettdrift  
 Funcionamiento a red



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# Brief Instructions

## Battery/microcassette compartment



Insert batteries/rechargeable batteries: press and hold down the green "LID LOCK" button and pull off the cover. Insert a cassette: slide open the cover to its end stop. To remove the microcassette tilt the machine.

## Safety lock



Press against the red or green end. Red mark visible: Safety lock of the slide-switch is activated.

## Tape speed



Set tape speed with the "SPEED" slide-switch at the back.

## Tape counter



Reset the tape counter: press the "O-SET" button next to the tape counter below the sliding cover.

## Recording



Sensitivity for voice-activated start/stop mode: "HIGH", "LOW" or "OFF".

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Activate recording: press the red "DICTATE" button (locks in).



Recording-start: set slide-switch to "START".



Recording-pause: set the slide-switch to "STOP".

## Playback



Playback-start: set the slide-switch to "START".



Playback-stop: set the slide-switch to "STOP".



Volume: set with the "VOL" adjuster.

## Fast forward and rewind



Fast forward (with sound): set the slide-switch to "FFWD".



Rewind (with sound): set the slide-switch to "REWIND".

## Quick-erase



Press and hold the "DICTATE" button.



Set the slide-switch to "REWIND".

# Preparation

## **Battery / rechargeable battery operation**

**Battery/rechargeable battery indicator** (and recording indicator): lights up on recording. Goes out if the battery/rechargeable battery gets weak. Recording is still possible until the motor stops running (sound signal).

### **Attention**

Remove the batteries from the set when they are exhausted or if the set is not to be used for a long time.

Grundig accepts no responsibility for damage caused by leaking batteries.

## **Rechargeable battery operation**

The rechargeable batteries 462\* are recharged by means of the mains/charging unit 679 inside the set.

The charging time is approximately 22 hours. During charging, the set remains fully operative.

### **Warning**

The mains unit is designed for use with the GRUNDIG Dh 2028 only. Use the mains unit " 678 CUC " for the USA and Canada, the mains unit " 679 GB " for Great Britain, and " 679 " for the rest of Europe. Do not use the mains unit if the plugs and cables are damaged.

\* Grundig accessory

## Battery/rechargeable battery compartment



Press and hold down the ◀ LID LOCK button, then remove sliding cover from the unit.

Inserting batteries: Ensure correct polarity (+/-); see figure [2].

Inserting rechargeable batteries:

Observe correct polarity and position. Insert the rechargeable battery with the removed sheathing into the compartment with the lateral charging contact; see fig. [3]. Refit and close sliding cover.

## Note on Environmental Protection

Do not throw exhausted batteries in the household refuse. Hand over the old batteries to your dealer or public collection points when buying new ones.

## Operation with the mais unit 679

### Warning

Please observe the hints given in the "Battery/rechargeable battery operation" chapter.


See Fig. [4] at the beginning of this booklet. The batteries in the set are switched off; if rechargeable batteries 462\* are fitted, they will be charged.

\* Grundig accessory



## Connecting an earphone



Connect the earphone plug into the  socket.

See chapter "Technical Data".

This switches off the built-in loud-speaker.

## Tape speed



The tape speed can be selected with the slide-switch "1.2 2.4 SPEED" at the back.

**Note:** With a tape speed of 1.2 cm/sec, the double recording capacity is obtained. However, the recording quality will be reduced accordingly. The tape speed must be the same for recording and playback.

# Recording Dictations

## Recording

Each new recording automatically erases any previous recordings on that part of the tape.

Speaking distance approximately 2 - 4 inches / 5 - 10 cm. In the case of high background noise, decrease the speaking distance.

## Recording



Press the red recording button "▲ DICTATE" (locks in).



Set the slide-switch to "▶ START".

- The recording indicator lights up.
- The tape starts running.
- If no microcassette is loaded or the tape end is reached, a sound signal is emitted.

## Recording-pause



Set the slide-switch to "▼ STOP".

- The recording indicator goes out.
- The recording button "▲ DICTATE" remains locked in.

## Voice-activated start/stop



(Voice activation, VA)

When making pauses when speaking (approximately 3 secs), recording will be interrupted. When speaking again, recording will be resumed.

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# Recording Dictations

## Conference recording

The housing base is designed so that the dictation machine can vertically be placed on a table. This ensures that dictations are recorded in equal quality from all directions.

**HIGH** When the slide-switch "VA" at the back is set to the "HIGH" sensitivity position, the machine switches the built-in microphone to recording already at lower noise levels.

## Dictation

**LOW** When the slide-switch "VA" is set to the "LOW" sensitivity position, the machine switches the built-in microphone to recording only at higher noise levels.

## No voice activation

**OFF** If you set the slide-switch "VA" to "OFF", recording will not be interrupted during pauses in speech. The recording sensitivity of the built-in microphone is low (Dictation).

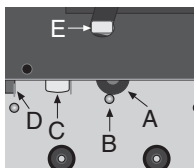
# Care and Maintenance

## Tape heads and recording mechanism

You should check regularly within the microcassette compartment for dust and for dirt caused by tape usage.

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### Cleaning tape-contacting parts:



Rubber pressure roller **A**

Capstan shaft **B**

Tape head **C**

Erase head **D**

Pivot lever **E**

We recommend that you clean these parts with a soft cotton swab that has been dipped in cleaning alcohol.

Never use metal or hard objects!

Open the tape compartment and remove the microcassette.

- Switch the machine on recording-start.  
A warning signal sounds as no cassette is loaded!
- Push the pivot lever **E** fully against the cassette compartment.
- Clean the tape-contacting parts:  
rubber pressure roller **A**, capstan shaft **B**,  
tape head **C** and erase head **D**.

## Housing

Clean only with a soft cloth suitable for removing dust.

Polishing and cleaning agents can damage the surface.

Liquids should not be allowed to penetrate the inside of the machine.

## What you should know

This portable dictation machine functions without limitations at an ambient temperature of up to 95° F / 35° C.

When powered with batteries, you can use this dictating machine at temperatures between 95° F / 35° C and 131° F / 55° C.

Malfunctions may occur in this case, but these cannot cause damage to the machine.

### **Warning** **Repair note**



Use only original replacement parts.

The power cable may be replaced only by a GRUNDIG authorised repair service.

Please contact your dealer if malfunctions occur.

# Technical Data

**Tape:** microcassette

**Tracks:** 2 tracks, 1-channel, monophonic

**Drive System:** capstan

**Tape Speed:** 2.38 cm/sec.  
or 1.19 cm/sec.

**Maximum Output:** 130 mW

**Frequency Response:** 300 - 4,000 Hz

**Speaker:** 28mm Ø dynamic speaker

**Recording:** with a.c. bias voltage  
(**TNR**, **Tape Noise Reduction**)

**Power Source:** DC 3V, batteries 1.5V "AA"x2,  
mains unit 679

**Battery Life** (alkaline-manganese):  
approximately 14 hrs.

**Earphone socket:** Ø 2.5 mm jack socket,  
impedance  $\geq 4 \Omega$

**Dimensions:** 62 mm x 142 mm x 25 mm

**Weight:** approximately 210 g



The product is in accordance with following  
EC-Directives: "89/336/CEE, 73/23/CEE, 93/68/CEE"

**Specifications and design are subject to  
change without notice.**

# **GRUNDIG**

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