

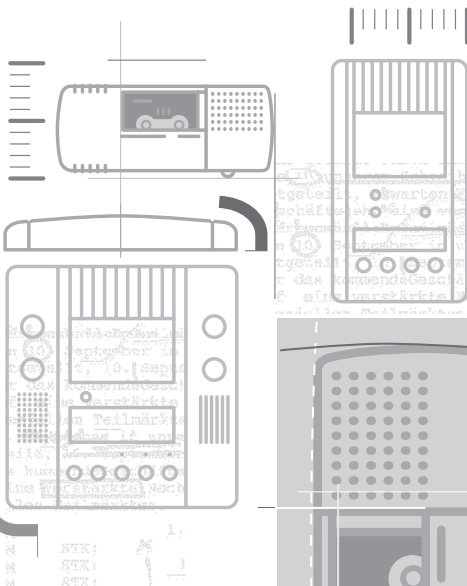
GRUNDIG

Dh 2028 STT
microcassette

Handdiktiergerät

Portable dictation machine

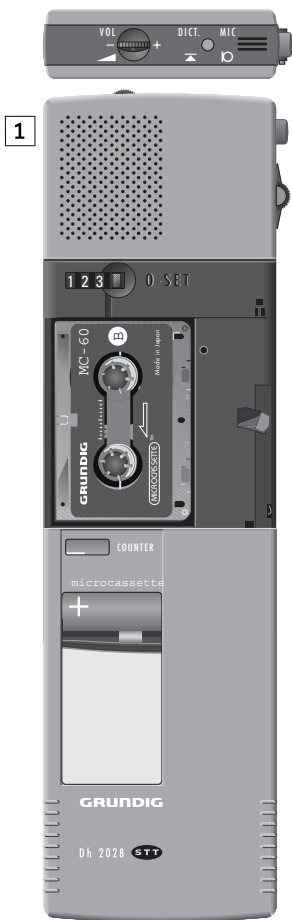
Machine à dicter portable

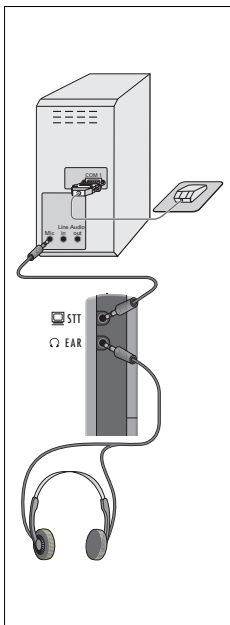
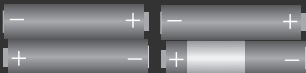


Ideal für Spracherkennung

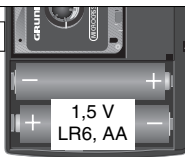
For Use with Speech to Text

Compatibilité reconnaissance vocale





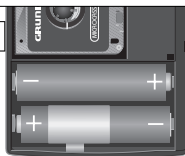
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Batterien
Pile
Pilas

Batteries
Piles

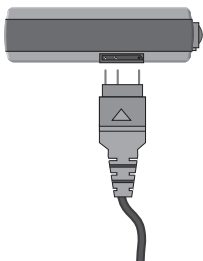
3



Akkuset 662
Rechargeable batteries
662
Accumulatori 662
Accumulateurs 662
Baterias 662

4

Netzbetrieb
Mains operation
Funzionamento con
la rete
Fonctionnement sur
secteur
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 on the back. For voice recognition: set to 2.4 STT.

Tape counter



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

Recording

- ▲ Activate recording: press the red "DICTATE" button (locks in).
- ▶ Recording-start: set the slide-switch to "START".
- ⊙ Recording-pause: set the slide-switch to "STOP".
- ◀▶ Concluding recording: set the slide-switch briefly to "◀◀ REWIND" or "▶▶ FFWD".

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 662* are recharged by means of the mains/charging unit 678CW* inside the set.

The charging time is approximately 18 hours. During charging, the set remains fully operative.

Warning

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

* Grundig accessoryr

Battery/rechargeable battery compartment



Press and hold down the “◀ LID LOCK” sliding cover button and pull off the sliding cover.

Insert batteries or rechargeable batteries: see Fig. 2 and 3 at the beginning of this booklet.

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 mains unit 678 CW

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 dictation machine are switched off.

If rechargeable batteries 662* are fitted, they will be charged.

* Grundig-Zubehör

Connecting an earphone



Connect the earphone plug into the socket.

This switches off the built-in loudspeaker.

Tape speed



The tape speed can be selected with the slide-switch “1.2 2.4 SPEED” on 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. For voice recognition, the tape speed must be set to “2.4 STT” for recording and playback.

Recording Dictations

Microphone

Speaking distance approx. 2cm - 5cm beside or beneath the mouth;
decrease in the case of high ambient noise.



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.

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

Recording-pause

- ▼ Set the slide-switch to “▼ STOP”.
 - The recording indicator goes out.
 - The recording button “▲ DICTATE” remains locked in.

Concluding recording

Briefly move the slide-switch to “◀◀ REWIND” (or “▶▶ FFWD”):

- The “▲ DICTATE” button unlocks.

Set the slide-switch to “▼ STOP”.

Voice Recognition Mode

General


The portable dictation machine DH 2028 **STT** (**S**peech **T**o **T**ext) is equipped for voice recognition.

It provides a better recording quality as conventional portable dictating machines

The “no cassette” sound signal is suppressed if the copying cable is connected in order to use the dictation machine as microphone.

When the copying cable is connected, playback sounds more clear.

PC connection

Insert the thinner plug of the copying cable supplied into the  **STT** socket and the thicker plug into the microphone input of the sound card of the PC.

The volume control has only effect on the loudspeaker of the dictation machine. It has no influence on the signal level of the PC connection.

Voice Recognition Mode

Playback via a desktop dictation machine

Dictations made on the Dh 2028 STT can be played back on any microcassette desktop dictation machine.

If playback is too shrill for the typist, set the tone control on the desktop dictation machine (🔊) to “ – “.

Enrolment and microphone mode

In order to adjust the microphone recording level, to carry out the enrolment, and to make a direct dictation, use the Dh 2028 STT as microphone.

Remove the microcassette.

Press the “▲ DICTATE” button (locks in).

Move the slide-switch to “▶ START”.

Follow the instructions provided by the manufacturer of the voice recognition software.

For enrolment, the AGC, the reverberation function and other effects of the sound card must be switched off.

Voice Recognition Mode

Mobile input device

You can record dictations on a microcassette of the Dh 2028 STT and then transfer them to a PC via a copying cable.

When starting the dictation, speak only 1 to 2 seconds after recording-start. This ensures that the first word is recognized by the voice recognition software.

First switch on the voice recognition function on the PC. Then move the slide-switch on the Dh 2028 STT immediately to “▶START”.

Check to see whether the system can handle the amount of spoken text.

The processing speed depends on the CPU power.

Loudspeaker mode

Insert the thicker plug of the copying cable into the “Playback” socket of the sound card.

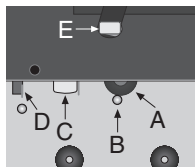
Switch the Dh 2028 STT to playback.

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.

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 to recording-start.
A warning signal sounds as no microcassette 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**.

Care and Maintenance

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.

Ambient temperatures up to 131°F / 55°C do not 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 specialized 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 - 5,000 Hz

Speaker: 28mm Ø dynamic speaker

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

Power Source: DC 3V, batteries 1.5V "AA" x 2,
mains unit 678 CW

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

Headset 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.**