



Daisybox

Daisy player

Audio books player

Sensotec BV
Kalfjeslaan 38
2623AJ Delft (The Netherlands)
Tel: +31 15 262 59 55
Fax: +31 15 257 15 95
E-mail: info@daisybox.nl
web : www.daisybox.nl

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V2.21 published 4 July 2023

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voice enabled by Acapela

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Important instructions

Please observe the following guidelines:

- Avoid contact with water. This can cause a short circuit!
- Do not attempt to open the Daisybox. If the device does not function properly, contact your supplier.
- Do not cover or put anything on top of the Daisybox. This will make the loudspeaker inaudible.
- If you move the Daisybox from a cold environment to a warm one, wait two hours before using it to give any moisture which may have collected on the device time to dry.

The Daisybox satisfies all relevant European safety requirements. Detailed information about this can be found on our website at: www.daisybox.nl.

1 INTRODUCTION

The Daisybox is an online DAISY player developed especially for people with a visual impairment. It enables you to listen to spoken books/newspapers/magazines. The device only has a few buttons and all the instructions are spoken. It is therefore possible to operate the device entirely by touch and hearing. This makes it an innovative and convenient device for people with a visual disability or for elderly people without any computer skills.

An Internet connection, not a computer, is required to use the Daisybox! The Daisybox enables you to listen to talking books newspapers and magazines. The Daisybox is very easy to use.

Libraries no longer need to send out Daisy-CD's by mail, but instead can offer, or stream, their spoken literature via the internet. The Daisybox will present all your books on your private bookshelf which is maintained by the library. Any old DAISY-CD's you may still have can be played on the Daisybox via an external CD/DVD-player (see paragraph 5.15).

Safety

Intended use: Providing audible content.

Intended medical indication: To aid blind and visually impaired patient.

Intended user: Blind and visually impaired patient, from age of 12 years. Possible installation help by relatives, friends etc.

Intended use environment: Home environment, daily life environments.

Intended patient: Same as the intended user. Except for relatives, friends etc.

Intended use conditions: Intended to be used in normal indoor conditions. Intended normal operation of use 0-8 hours daily.

Storage conditions: See chapter Specifications

Symbols table:

	Manufacturer
	Do not dispose of this product in unsorted municipal waste stream
	Catalogue number
	Serial number
	Conformité Européenne (European Conformity). This symbol means that the device fully complies with applicable European Union Acts.

	Federal Communications Commission. This symbol means that the device fully complies with applicable United States Acts.
	Complies to regulations that limit or ban specific substances
	Medical Device
	Read the instructions in this manual
	Potential non-harmonized frequency
	Safe storage temperature

Disposal: Please offer the device, internal battery-pack, accessories and AAA-cells separately at your local waste and recycling point.

Report safety issues and damage: Please report any safety issues to us and your local authority. Please consult us before use when the package, device or accessories show any damage, or is unintentionally opened before use and if the packaging is exposed to environmental conditions outside of the specifications (see chapter Specifications).

2 WHAT IS NEEDED

The Daisybox is ready to use instantly upon delivery. If required, the device configures itself. The only thing you have to do is to unpack the device and connect it. Settings have been kept to a minimum in order to make the device easy to use for everyone.

Internet

The Daisybox makes use of an Internet connection. This can be connected either with an network cable or wirelessly through the built in WiFi receiver. Your supplier can advise you.

Library subscription

You need a subscription to the library that distributes the spoken books and they will ask for the serial number of your Daisybox so they know to present your private bookshelf to that particular Daisybox.

Daisybox subscription

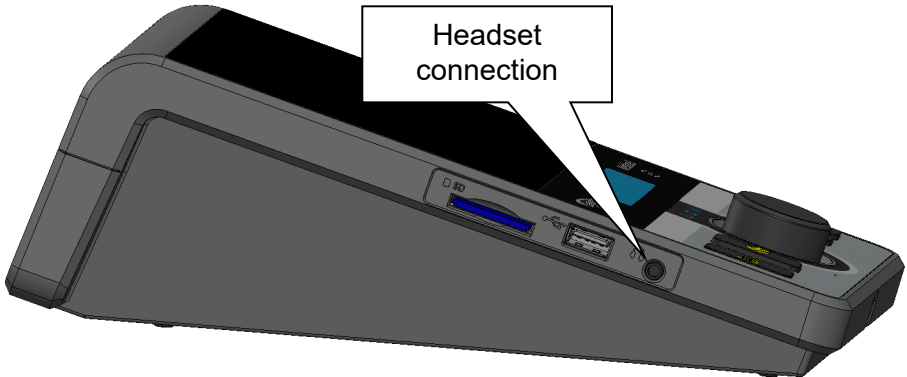
Some areas may need an extra 'Daisybox' subscription if the local subsidiaries or compensation from the library do not cover the costs for maintaining the systems needed to run your Daisybox.

Your Daisybox serial number

The serial number of your Daisybox is a 5 digit number on the bottom. This number is also spoken under 'Device Status' in the 'Pause menu' (see also chapter 8).

3 HOW TO CONNECT THE HEADSET

You can connect a headset or deaf loop system to the left side of the Daisybox.



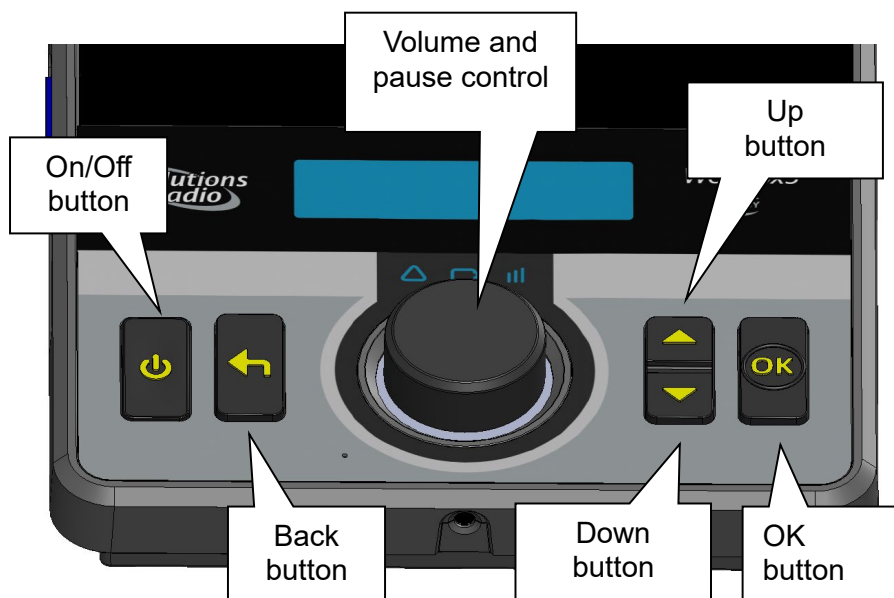
Please note: If you connect a headset or deaf loop system to the phones output of your Daisybox, the loudspeaker will automatically switch off. You can use the volume control button of your Daisybox as normal to regulate the volume of your headset.

Please note: If you use a wireless headset (not bluetooth!), make sure that the volume control button is turned up loud enough. This is particularly important if there are long silences (for example during spoken TV subtitling used in some countries) as the headset can switch itself off automatically and will only switch back on when the audio signal returns and if the volume is set loud enough.

4 THE EXTERIOR

Front panel

There are five buttons and one dial on the front panel of your Daisybox. From left to right, you will first find the **[On/Off]** button, then the **[Back]** key, in the middle the **volume-control** (press for Pause), the **[Up]** and **[Down]** buttons and to the far right is the **[OK]** button.

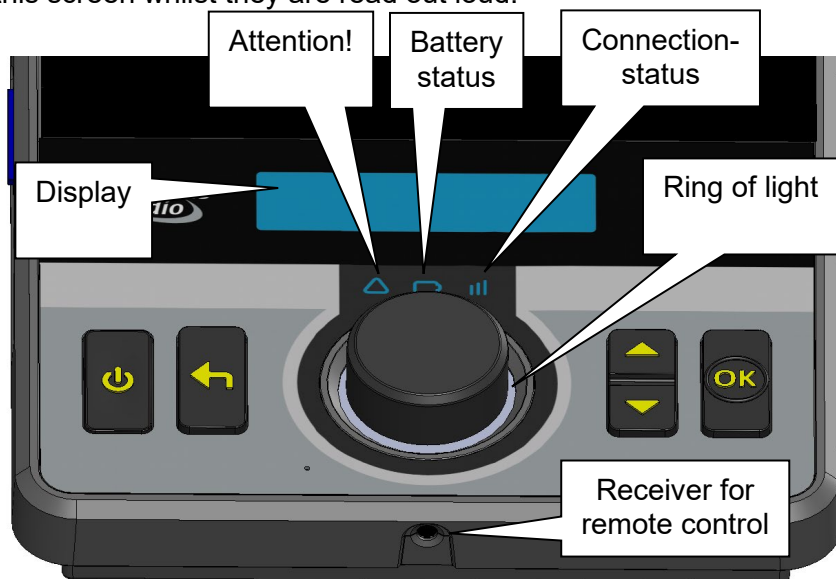


Use the **[OK]** button to select a book title or perhaps items from a settings menu. The **[OK]** button will also act as a Pause button when a book is being played. The **[Back]** button takes you back to the bookshelf or goes back one step in the previous.

You can use the **[Up]** and **[Down]** buttons to jump through the chapters/articles or to walk through any menu you may encounter.

The volume control is used to regulate the volume. You will pause in the book when you press this knob briefly and you can skip 10 seconds forward or backward when you now turn the knob. If you then press one of the up and down arrows, you will be given a number of extra options in this so-called 'Pause menu' (see chapter 8). All of these functions can also be accessed using the included remote control.

Right above the volume controller, you may find a small display. You actually do NOT need this display because the Daisybox tells you everything. If you are still able to see something, then you can look at it while the device speaks. Menus and other options are also displayed on this screen whilst they are read out loud.



Three lights are located in between the display and the volume control:

- **Attention!** to indicate e.g. new messages
- **Battery-status** blinks green when the Daisybox is running and the battery is charging, light up constantly when full, is off when running on batteries or blinks red when almost empty

- **Connection-status** blinks green during connection-setup, light up green (for network-cable or WiFi) or blue (for 3G/4G) when the connection is OK and red when not OK

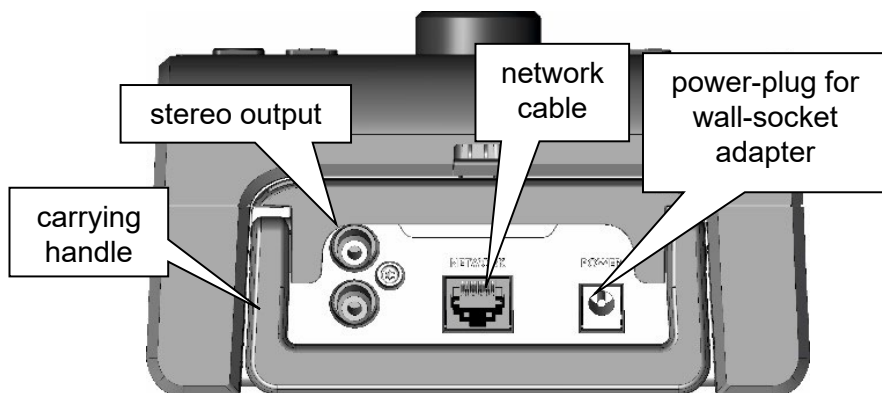
A **ring of light** will be the first to light up when the Daisybox is switched on and can then indicate various events or moods depending on the software version.

The internal high quality loudspeaker will be switched off when a headset is plugged in. The Daisybox can also be connected to your stereo. The receiver for the remote control is situated in the bezel on the front.

Rear panel

From left to right, the rear side has the following connections (when the rear is facing towards you):

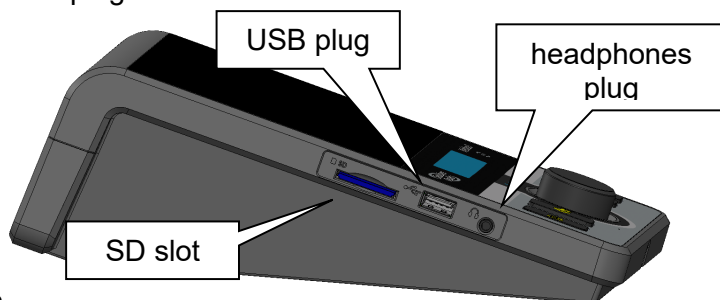
- Two round RCA-plugs (one above the other) for stereo line output
- A square connector for a network cable
- A small round connector for the power-adapter in the wall-socket
- A carrying handle that hinges up



Left side

The left side of the Daisybox has the following connections from rear to front:

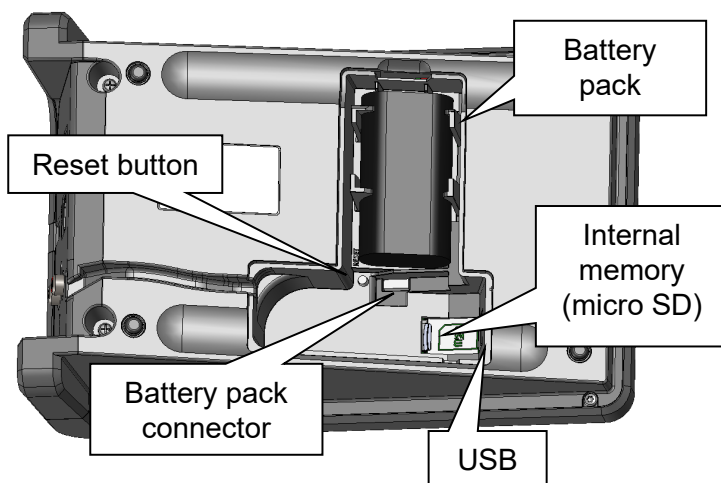
- Slot for SD card
- USB plug for e.g. a USB memory-stick
- Headphones plug



Bottom side

Under the battery lid, you can find:

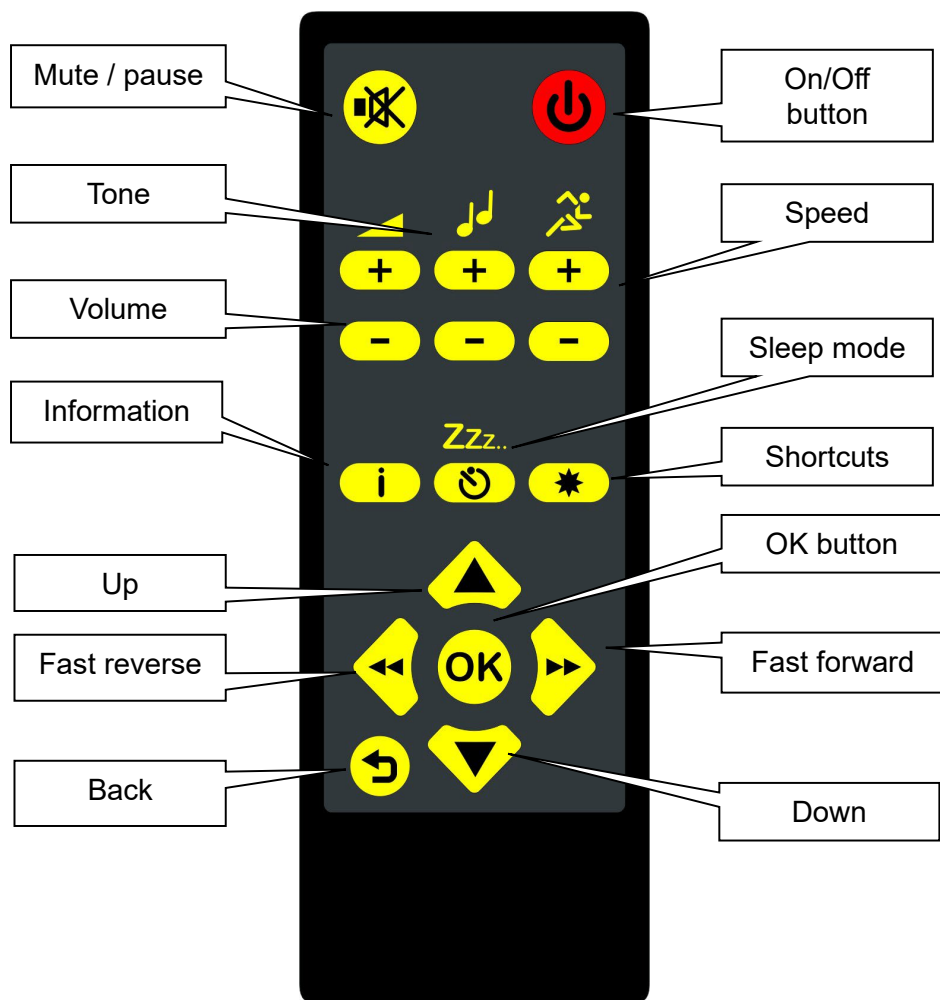
- Battery pack
- Reset push-button (see also chapter 9)
- Battery-pack connector
- Slot for internal memory (micro-SD card)
- USB for e.g. a 3G/4G 'mobile internet' dongle



The remote control

There are 17 buttons on the remote control.

- At the top left is the mute or pause button.
- At the top right there is the On/Off button.
- Below these, there is a row of 3 double buttons, the left of which is for regulating the volume, the middle control tone and the right are for regulating speed.
- Below these is a row of 3 buttons; the left one is an Information button; the middle one is for activating sleep mode and the right one directs the Daisybox to your most recently played book.
- Below these, there is a cross with 5 buttons. The middle button is the [OK] button. The top and bottom are the Up and Down buttons and the left and right are for moving fast Forward and Backward.
- Finally, in the bottom left corner is the Back button.



5 USING THE DAISYBOX

Please note: Read chapter 6 ‘Installation’ before using the Daisybox for the first time.

5.1 Switching the unit on

After the Daisybox has been connected to power and to Internet, switch on the device by pressing the [On] button on the Daisybox (this button is the farthest one to the left). You can also use the remote control; the [On] button is at the top on the far right. You will first hear the ‘on’ tone and after about 10 seconds you will hear a ‘start’ melody*). The Daisybox will automatically seek a connection to Internet; the connection-status light will first blink then turn green or blue.

You can switch the device off by pressing the [On] button again for about 2 seconds. The lights will then turn off and you will hear a short ‘off’ tone.

Good to know: You can lock the keyboard to prevent the Daisybox being switches on during transport. Press and hold the [up] and [down] keys simultaneously and press the [On] once, to lock the keyboard. The Daisybox will show “Keyboard locked” in the display. The keyboard will be unlocked automatically when you connect the unit to a wall-socket and turn it on. You can unlock it yourself using the same procedure as for locking, but then pressing the [On] key 3 times.

Good to know: The Daisybox can always be shut-down by pressing the [ON] for longer than 5 seconds, even when the Daisybox does not seem to respond to anything.

*) see ‘Startup-Volume’ in Pause menu

5.2 Battery use

The Daisybox will run on the internal the battery, or on the power from a wall-socket (at which time the battery-pack will also be charged). The 'battery-status' light right above the volume control will show (when the Daisybox is switched ON):

- blinking green: connected to a wall-socket and battery is charging
- green on: connected to a wall-socket and battery is full
- off: not connected to a wall-socket, but ample power in the batteries (or unit is off)
- blinking red: battery almost empty

The battery status can also be seen when the Daisybox is switched OFF, by pressing the volume-control for approx. 0.5 seconds. The current time and battery status will then be read out to you.

The Daisybox can run approx. 10 hours on a full pack and charging an empty pack will take approx. 5 hours. A brand new Daisybox first needs a full charge-cycle to be able to give a correct battery-status.

5.3 Pause menu

You can pause the Daisybox by briefly pressing the volume control on the Daisybox or the [Mute] button on the remote control. You can resume playback by pressing that button again.

By pressing the [Up] and [Down] buttons, you can scroll through this 'Pause menu' to find all sorts of information and options relevant to the programmes as well as to general settings relating to operation of the device. See also chapter 8. For instance:

- Increase or decrease the speed for playing books
- Change the voice of the Daisybox
- Set sleeptimer
- Get extra Information about the book you are listening to, like total duration or current position.

You can leave the 'Pause menu' by pressing the volume/pause knob again or by pressing the [Back] button. You can also obtain the

'Information' that is present in this menu by pressing the [Info] button on your remote control.

5.4 Louder and softer

Use the volume/pause knob on the Daisybox to adjust the sound level. This is the large round knob on the front of the device (or VOLUME +/- on your remote control). The start-up volume can be set in the Pause-menu under Device-Configuration>Audio Settings (see also chapter 8).

5.5 Daisybox mode

A library will provide you a bookshelf and you can add or remove books through their website or by telephone call. The 'Basic' Daisybox mode will show you just this bookshelf which is the most simple way of using their books. Many libraries also offer extra functions like adding books directly from catalogue or presenting books, magazines or newspapers in separate lists. Set the Daisybox mode to 'Advanced' to enable these extra functions. You can **remove books** directly from your bookshelf in both modes: press 'Pause' and choose 'Remove this book'.

5.6 How to choose a book

After you have turned the device on, the Daisybox will seek contact with your library and it will read the titles on your bookshelf or play the book you were already reading. Press the [Back] button to return to your bookshelf.

You will hear all book titles on your bookshelf. Press [OK] when you hear the book you wish to read. The [OK] is the button on the far right of the Daisybox or in the middle of the arrow buttons on the remote control. The list of book titles will be repeated when you make no choice.

5.7 Adjusting speed or tone

The speed or tone used to play books can be altered by pressing the volume/pause knob; the Daisybox then stops playing and says

“Pause”. Using the [Up] and [Down] buttons you can choose the option ‘Speed’ in the ‘Pause menu’ (see also chapter 8). If you choose ‘Speed’, you can then use the same buttons to select from a few steps up or down (-50, -40... normal... +40, +50) after which you select the [OK] button to confirm your choice. The remote control allows you to adjust speed or tone directly by pressing + or -. Go to Pause>Device Configuration>Audio settings to adjust speed, tone or pitch when you want that settings to also apply after a restart of the Daisybox.

5.8 Changing the voice

The Daisybox uses an synthetic voice (so called text-to-speech) to read menu's and text-books. The type of voice (e.g. male or female) and possibly even the language (e.g. Finnish or Swedish) can be changed if this option is available in your Daisybox. The voice can be altered during playing by pressing the volume/pause knob; the Daisybox then stops playing. Using the [Up] and [Down] buttons you can choose the option 'Device configuration' (press OK) in the 'Pause menu' (see also chapter 8) and 'Synthetic Voice' (+OK). You can then use the same arrow buttons to select from a list of voices and confirm by pressing OK, e.g.:

- Graham (English)
- Rachel (English)
- Daan (Dutch)

All menu's will change along with the language of the chosen voice.

5.9 Configuring the sleep mode

If you want the Daisybox to stop playing and turn off automatically at a set time, then you can choose that in the ‘Pause menu’. While listening to a book for example, press the volume/pause knob and then choose Sleep mode using the [Up] or [Down] buttons. You can set a time between 10 and 120 minutes (or OFF). Use the sleep mode button [Zzz...] on the remote control to do the same. When the Daisybox is restarted, this last setting is inactive and may need to be re-activated if necessary.

The Daisybox will stop playing when the set number of minutes is reached and you will hear a clock-ticking. The sleeptimer is reset to the same number of minutes when you press the [OK] button within 30 seconds.

The Daisybox will switch off when you do not take any action during these 30 seconds of clock-ticking.

5.10 Media menu (USB, SD, CD...)

The Daisybox's default function is to play books. However, if other media are available from which something can be played out, then the 'Media menu' will be available. Press the BACK button from within the internet Spoken Menu (or while the Webbox is 'connecting to the internet') to enter the 'Media menu'. Depending upon the available media, you will be able to choose from:

- Shortcuts
- USB stick
- CD player
- Memory card
- Internal memory

You can then use the [Up] and [Down] button to navigate through the folders and files, while the Daisybox reads you the names. Choose a file or folder by pressing the [OK] button. Press the BACK button again to return to the internet Spoken Menu.

Good to know: Is a certain book available online and on your SD card or USB stick? ...in that case it will still resume at the point you left of, no matter whether you were reading online or from your local SD/USB storage.

Good to know: Go to the 'Media menu' by pressing the [Back button] several times. Restart the Daisybox if you do not find the medium to which you have connected in the 'media menu'.

5.11 Downloading to available memory

Most books can be downloaded to external memory, such as an SD card which can then be played out on portable (daisy) player. Press the

volume control briefly to go to the 'Pause menu' and then use the [up] or [down] + [OK] button to choose 'Download this file' (the audio file that was just playing), 'Download this book' or 'Download all files' (when the audio file is part of a bigger structure such as a podcast). You can get the question to which medium it needs to be downloaded when more than one is connected to/inserted in the Daisybox.

On an empty card, the Daisybox will store the individual audio files in a folder called 'Downloads' and files belonging to a bigger structure in a folder with the title of that structure. The Daisybox will use specific folders when they have been created on the memory stick/card by one of the following players: Plector PTP, Victor Stream, Hims Sense. Other players like the Bones MileStone can simply handle the default folders made by the Daisybox.

5.12 Copy a CD to available memory

An audio- of DAISY-CD can be copied to USB or SD memory. The tracks on an audio-CD will first be converted to compressed audio (mp3 192kbps). To copy a CD to USB/SD memory, you first go to the Media menu and choose the option 'CD player'. Press Pause as soon as the content start playing and then choose 'Copy this content to other media'.

5.13 Remove from available memory

You will get the options 'Remove this folder' or 'Remove this file' while navigating through the contents of USB or SD memory. When files belong to a bigger structure (such as a book or a podcast), you will not get the option to remove individual files. To remove a book (or podcast etc.), you press 'Pause' when you hear the title of the folder containing the book and then choose 'remove this folder' and confirm the extra 'Are you sure?' question.

5.14 Navigating in (DAISY) books

The Daisybox enables you to navigate newspapers, magazines, books, etc. with a Daisy structure in a very innovative way. You can have the

Daisybox start a new chapter or article by pressing the [Up] button. You can go back to a chapter or article by pressing the [Down] button. By pressing the [OK] button, you can go down a level (if this exists). If, for example, you hear 'Chapter 2' and you press [OK] you can then navigate through the articles found in Chapter 2. Using the [BACK] button, you can return to the level above the one you were in and choose another chapter. Of course, if you do not use the keys, the book will be read from front to back.

Fast forward or backwards in the text

In the pause position, you can use the volume/pause knob to jump through the text of a chapter. If you turn the knob to the left, you will go back through the text. If you turn the knob to the right, you will go forward in the text. Each serration will slide you 10 seconds forwards or backwards in time (the Daisybox will tell you what the new time position is). If you press the volume knob again, the reading will begin where you set it using the volume knob. To confirm this, you can also press the [OK] button. On the remote control, you use the [<<Left] or [>>Right] button for this. Please note: Fast forward and backwards only works within a chapter.

Bookmarks

The Daisybox automatically remembers where it was in a book, newspaper, magazine or other pre-recorded programme. If you return to a particular programme, the Daisybox will pick up where it left off. It makes no difference whether you get there by way of the programme guide or by way of the shortcut list. Navigation then works as described above.

DAISY navigation levels

Most DAISY books only have a list of chapters and you can simply use the [Up] and [Down] buttons to reach a different chapter. Some books however also contain e.g. sections where each section contains chapters. Such a book then has 2 (or more) levels in which you can navigate... on level 1 you can choose a section and on level 2 a

chapter within that section. The Daisybox will by default present such an elaborate book to you as one 'flat' list with all parts.

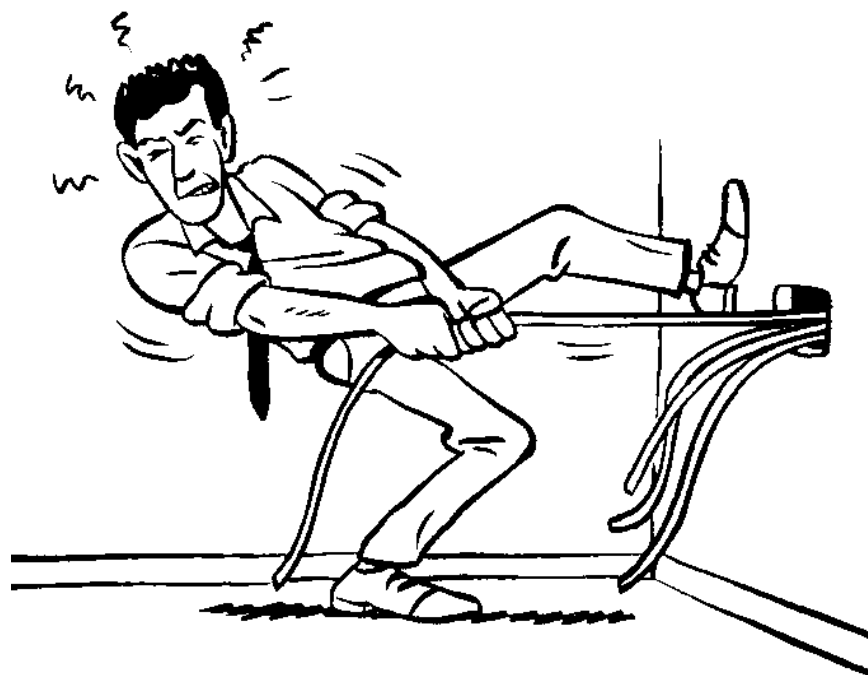
You can view the available titles in each level and jump to that section with the option '*Browse*' in the Pause menu.

In case you do want to hear the level-indications while reading an elaborate book and use [OK] and [TERUG] to actually switch between levels, then you can set '*Navigate with levels*' in the Pause menu (see also chapter 8).

5.15 External CD player

If you want to play a CD with a DAISY book or other audio, you can connect an external (laptop) CD-player to the USB connector in the Daisybox left side or to the USB connector behind the battery lid (with a cable exit from the rear). Some CD players get power from their own mains adapter, some from a single USB port in the Daisybox and some with a so called Y-cable to draw power from two USB ports. There is no need to use the second connector of such a Y-cable, since the Daisybox can provide enough power on one USB plug. The Daisybox will also remember the resume-point (bookmark) when using such an external CD-player.

6 INSTALLATION



6.1 What's in the box



6.2 The Internet connection

Before you can use your Daisybox, you must already have an Internet connection. If this is your first connection, you will receive a modem or router from your supplier. You or your supplier will have to install this first. What this means is that the modem/router will be connected by cable to the connection point on your cable television or the telephone line in your home.

6.3 Connect the Daisybox

It is recommended to first connect the Daisybox to your router using a network cable even if you plan to use the Daisybox wirelessly.

Insert the round mains adapter plug into the back of the Daisybox entrance and then plug the adapter itself into the electric socket. A brand new Daisybox needs a full charge-cycle to be able to give a correct battery-status.

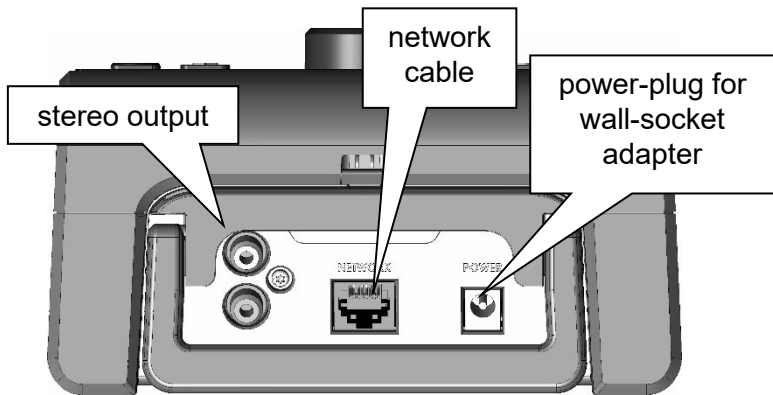
If you want to use the remote control: Open the lid at the back of the remote control and insert the batteries. Make sure the batteries follow the positive and negative poles indicated.

See the instructions in section 6.4 for connecting to your wireless network.

Other connections

From left to right, the rear side has the following connections (when the rear is facing towards you):

- Two round RCA-plugs (one above the other) for stereo line output
- A square connector for a network cable
- A small round connector for the power-adaptor in the wall-socket
- A fold-down carrying handle



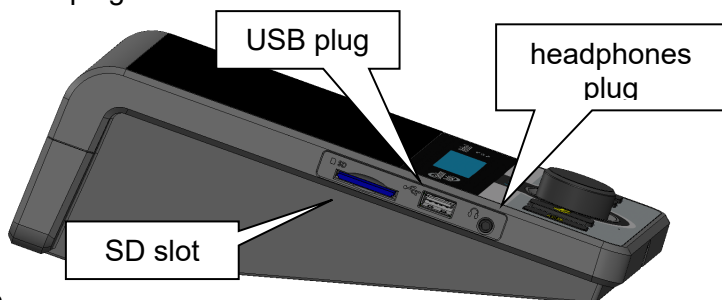
The line output has a constant level and is not influenced by the volume setting (however, it does respond to the pause position 'mute').

Good to know: If you connect the Daisybox audio output (2x RCA plug) to your stereo, you can either switch off the speaker temporarily by turning the volume down to 0 using the volume/pause knob, or by default in 'Pause Menu>Device Configuration>Audio Settings>startup volume'. Another solution for this is to put a loose plug into the headset socket of your Daisybox. The internal loudspeaker will then be turned off automatically.

Left side

The left side of the Daisybox has the following connections from the rear to front:

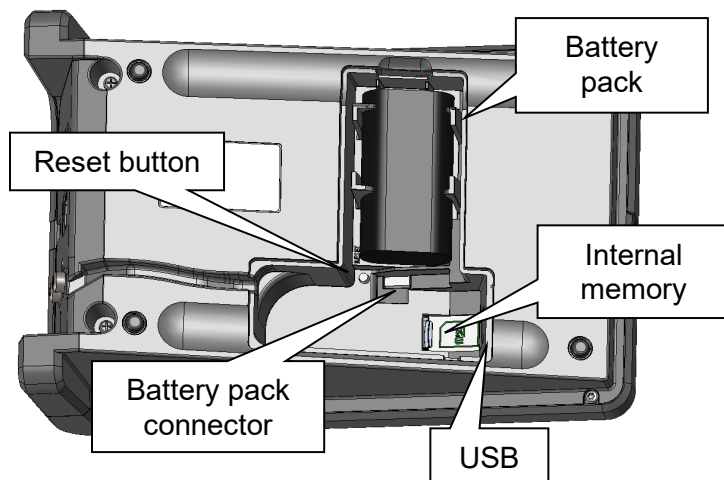
- Slot for SD card
- USB plug for e.g. a USB memory-stick
- Headphones plug



Bottom side

Under the battery lid, you can find:

- Battery pack
- Reset push-button (see also chapter 9)
- Battery-pack connector
- Slot for internal memory (micro-SD card)
- USB for e.g. a 3G/4G 'mobile internet' dongle



6.4 Wireless connection setup

Please note: have the so-called SSID and WPA-key (see router) at hand. Take the following steps to connect your Daisybox to a wireless network:

- Switch the Daisybox on again by pressing the On/Off button and wait until you receive a spoken report.
- Press the volume/pause knob to get into the so-called 'Pause menu'. Press the [Up] or [Down] key to get to 'Device configuration' and then press the [OK] button.

Good to know: This would be the moment that you press the so-called WPS key on your router if you wish to use such a logon-function (see the manual of your router)

- Using the [Up] or [Down] key go to 'Add a Wireless Network' and then press [OK].

Good to know: The Daisybox will just ask you to add the one network when you did indeed set your router to WPS as described above.

Selecting a wireless network

After a few seconds, you will receive a list of the wireless networks available in your neighbourhood. This network name (SSID) and the required password (WPA/WEP) may be found on your router or in the manual you received from your network provider.

- Use the [Up] and [Down] buttons until you find your network and press [OK]. The Daisybox will tell you whether the reception is good, normal or weak.

Enter your password

If your wireless network uses a secure connection (as it usually does), then the Daisybox will ask you for the password. A list of letters and numbers will be made available to you; you can use them to enter the password:

Choices for WEP: A-f, 0-9 and ready!

Choices for WPA: a-z,A-Z,0-9,some special characters and ready!

a b c ... z A B C ... Z 0 1 2 ... 9

ready!
character

! @ # \$ % ^ & * () [] { } + - = _ / . , : ? | ' " « »

- You can either use [UP] and [DOWN] buttons or the volume/pause knob to look for and choose the correct characters (the input character is the one to the far right in the line right at the bottom). Each time you have found the correct character, press [OK]; the password will appear character by character to the left in the screen. You can erase a last character by pressing the [Back] key.
- When you have finished inserting the password, look for 'ready' (final character) and press the [OK] key. You will hear the password you have fully inserted, after which the network will be activated.

The Daisybox will tell you that the configuration has been added and that the network is ready for use (press the [Back] key 3 times to return to the 'Pause menu'.

Good to know:

- You can directly enter the characters with a USB keyboard connected to the Daisybox. Use ENTER to confirm the 'password'.
- If you do not succeed in getting a connection to a wireless network, try to get the Daisybox to work by connecting the network cable to your router.
- The settings for the wired or wireless Internet connection can be erased by pressing the [Reset] key in the battery compartment. In the following 'Reset menu' (see chapter 9) you should select 'Remove all network settings' and/or 'Remove one wireless network'.
- If a network cable is connected to the Daisybox, it will be given priority above a wireless network (which has priority above 3G/4G). If the cable is disconnected, then the Daisybox will automatically shift to wireless (Wi-Fi) communication. The order of priority is:

network via cable => secured wireless network => unsecured wireless network => 3G/4G network.

- If no network can be found, the text [The chosen list is empty...] will appear, in that case contact your network provider for advice.
- If the Daisybox cannot find your network, first check if your router is sending out a network name (SSID) and if it has been positioned near enough. The range is usually between 3 to 15 metres depending upon the situation. The Daisybox supports 2.4GHz and 5GHz WLAN networks with a WEP and WPA/WPA2 key.
- WPA2 is the best supported method in the Daisybox and it is also the safest. So choose WPA2 if your modem or router provides this possibility.
- If your router allows you to choose between WPA+WPA2 TKIP+AES, then the device works in “mixed mode”. This means that both WPA1/TKIP and WPA2/AES are supported. The Daisybox will automatically select one or the other.
- PSK stands for “Pre Shared Key” (also sometimes called ‘personal’). This is the standard method for inserting a security key. In contrast to the ‘Radius’ or ‘Enterprise’ method, this method can theoretically only be used by companies.

6.5 Your network doesn't support DHCP

Please note: A fixed IP address is rarely used. In 99.9 % of all cases an automatically selected IP address is used (DHCP=on)!

By default, the Daisybox assumes that your modem supports the so-called DHCP-procedure by which the Daisybox is automatically allocated an IP address. If this is not the case, then a fixed address must be inserted. Sometimes, for example, the IT department of an organisation also needs a fixed address for the Daisybox in order to allocate certain rights to the network.

- Within the ‘Pause menu’, go to ‘Device-configuration>Advanced menu’.
- Depending upon whether the Daisybox is connected to the cable or wireless network, select ‘Cabled network’ or ‘Wireless network’.

- Using the following option 'DHCP' you can activate operation using a fixed IP address (DHCP=off), or indeed operation using the automatic IP address allocation of the network (DHCP=on).

If the above-cited option 'DHCP' is turned 'off', then you must configure the following data:

- IP address (e.g. 192.168. 117. 100)
- IP netmask (e.g. 255.255.255.0)
- Network gateway (e.g. 192.168.117.1)
- DNS server 1 (e.g. 192.168.117.100)
- DNS server 2 (optional, e.g. 8.8.8.8)

If needed, ask the IT department for these data.

7 FREQUENTLY ASKED QUESTIONS

Should you have any questions or problems with the Daisybox, please read the following frequently asked questions first:

- **When I press the ON/OFF button, the green light does not light up. What do I do?**

Battery operated: Press the volume control to check the battery status. It will need charging when the battery-light turns on red. Unlock the keyboard when the display shows “Keyboard locked” (press and hold [up]+[down] and press [on] 3 times)

12V powered: Check if the mains adapter has been connected correctly. If it has: Check that other devices that have been connected to the same electric socket are also functioning. If they are not: Replace the fuse in your meter cupboard.

- **When I press the ON/OFF button, the Daisybox does not get a connection to Internet. What do I do?**

Check if the Ethernet cable and/or the router have been connected correctly. Turn the router off and then on again, for example by taking the cable out of the electric socket. If that does not help: Phone your network provider and inform him of your problems with the network. If there are no problems: Contact your Daisybox supplier.

- **When I press the ON/OFF button, nothing happens.**

If none of the above helps, remove the connection cable out from the electric socket for a few seconds and then reconnect it. The Daisybox can always be shut-down by pressing the [ON] for longer than 5 seconds, even when the Daisybox does not seem to respond to anything.

- **The network light lights up, but I do not hear anything. What do I do?**

If the light is blinking, then the Daisybox is still busy. If the light lights up constantly green, turn up the volume (using volume/pause knob) on the device or on the remote control. If that does not help: Press the volume control to undo the mute position. If that does not help: Check if a headset or audio cable is still connected to the Daisybox. If they are: Remove them.

- **The Daisybox's sound is distorted. What causes that?**

If there is a cell phone lying in the vicinity of the Daisybox, then move it away. If there is a base station near your phone (or a wireless headset). Then move it away. Is there is a laptop with wireless Internet near the Daisybox, then move it away.

- **The Daisybox is not functioning or it is functioning abnormally.**

Your Daisybox may need to be reset. This can be resolved by restarting your Daisybox using the factory configurations. Turn the device off. Then turn it on again while you press the [Reset] button in the battery compartment. Keep pressing the Reset button until the Daisybox restarts.

- **The wireless connection is no longer working.**

Switch the Daisybox off and then on again. Also switch the modem or router off and then on again, for example by removing the cable out of the electric socket.

Try getting the Daisybox to operate by connecting the Ethernet cable you have been supplied directly to the modem or router. If this works, you can try to reconnect to the wireless network again.

Check the settings of your router to see if the channel choice is set up automatically, or to a specific channel number. If it is set to a specific number, change the setting to automatic (the router itself will then look for an available channel). If necessary consult your network provider.

- **I have frequent drop outs**

This is caused by problems in the network. Check the distance between your router and the Daisybox if it does work properly through a cable but not wirelessly. Any walls or floors in between those two also have a negative influence on the reception quality of your wireless network. Try to move the Daisybox closer to the router to see if the problem changes. A neighbouring wireless network may also interfere with yours. Changing the transmission channel inside your router may help. The router supplier can provide you the information about how to do that.

8 PAUSE MENU

By pressing the volume/pause knob briefly you can put the Daisybox in pause mode. When you then press the [Up] or [Down] buttons, you will hear the options provided by the 'Pause menu'.

- Briefly press the Volume button: the Daisybox will say "Pause"

Good to know: Turn the volume button at this moment, to jump 10 seconds forward or backward in the current chapter. Press the Volume control again to return to normal operation right away.

- Press [Up] or [Down] for the following options

Continue playback

Information

Download this book (see section 5.11)

Browse

Speed: -50.. -10, normal, +10.. +50

Sleep timer: off, 10, 20... 120 minutes

Device configuration

 Add a wireless network

 Daisybox mode: Basic/Advanced

 Audio Settings

 Startup volume: mute, soft, normal, loud, current

 Startup speed: -50.. -10, normal, +10.. +50

 Startup tone: -30... -10, normal, +10...+30

 Artificial voice: Graham, Rachel

 Advanced menu

 Ethernet

 Ethernet DHCP: on/off

 IP-address, netmask, gateway, DNS1, DNS2

 Wireless network

 Wireless DHCP: on/off

IP-address, netmask, gateway, DNS1, DNS2
Max. running time: off, 1, 3, 6, 12, 24 hours
Pause between menu-options: 1-5 seconds
Off-button delay: Off, On (0.5 seconds)
Navigate with levels: Off, On
Use IPv6: Off, On
Restart/Shutdown

Device status

Summary info

Battery capacity xx %
Network cable connected, IP address is xxx
Wirelessly connected to xxx, IP address is xxx

Ethernet

Network cable connected
The IP address, netmask, router, DNS is xxx
Received xxx kilobytes
Sent xxx kilobytes
The mac address is xxx

Wireless network

You are wirelessly connected to xxx
The network strength good/average/weak
The encryption is WEP/WPA/WPA2-PSK
The IP address, netmask, router, DNS is xxx
Received xxx kilobytes
Sent xxx kilobytes
The mac address is xxx

UMTS status (optional)

The IP address, netmask, router, DNS is xxx
Received xxx kilobytes
Sent xxx kilobytes

The serial number is xxx

The current time is xx hours, xx minutes and xx seconds

The software version is xxx of xx February xxxx

The operating system is Linux xxx

Acapela artificial voice

9 RESET MENU

You will find a [Reset] button in the battery compartment. If you press this while the Daisybox is on, you will enter the '**Reset menu**'. In this menu you can erase settings like 'Credentials', 'Wireless network', etc.

*Good to know: Press and hold the [Reset] button in the battery compartment, while you switch on the unit to reset all settings (!) to factory values. Let go of the reset button when you hear the restart. Some settings like the wireless network may need to be corrected afterwards. **Please note:** Settings that are important to the operation of the device can be erased this way.*

- Press the [Reset] button in the battery compartment: Daisybox says "Reset menu"
- Use the [Up] and [Down] buttons and then the [OK] button to select:

Reset all user settings

(removes settings like speed, tone, sleep timer etc.)

Remove all shortcuts and bookmarks

(removes the shortcuts to go to certain options in the spoken guide and the bookmarks to a specific time in the content)

Remove one wireless network

(removes one of the wireless networks from a list of choices)

Reset all network settings

(removes all network settings that have been altered in 'Pause menu >Device configuration>Advanced menu')

Remove all stored credentials

(erases all credentials that may have been entered)

Reset all settings to the factory defaults

(all settings above will be restored to factory values)

Restart (the Daisybox will be restarted)

10 SPECIFICATIONS

Network

protocol	IPv4 and IPv6
cable	10/100 baseT, RJ45 cable-detect
wireless	IEEE802.11b/g/n (2.4GHz + 5.0GHz)
encryption	WEP, WPA-TKIP, WPA2-AES, WPS-PB

USB, SD, micro-SD en CD

2x USB-A v2.0 high-speed plug on left-side and behind battery-lid (max. current 1200mA for both plugs combined):

- USB memory sticks (partition table MBR or EFI GPT), keyboard HDI, CD

- USB 3G/4G dongels (Huawei E303/E3372h-153/E3531/E3533s-2)

1x SD slot default-/high-speed (class 2,4,6) SDSC, SDHC and SDXC

1x micro-SD slot default-/high-speed (class 2,4,6) microSD, microSDHC and microSDXC

Audio decoder

Algorithms	MPEG 1&2 layer III mp3 (CBR+VBR+ABR), WMA 4.0;4.1;7;8;9; all profiles(5-384 kbps) MPEG4 / 2 AAC-LC(+PNS), HE-AAC v2 (Level 3) (SBR + PS), Ogg-Vorbis, WAV (PCM+IMA ADPCM)
Bitrate	8kbps-1.7Mbps
Sample freq.	8; 11.05; 16; 22.8; 24; 32, 44.2; 48 kHz
# of channels	1 (mono) or 2 (stereo)

Content

Playlist:	m3u, asx, pls, xml, smil, m3u8 and more
Additional data	shoutcast/icecast meta data
Spoken books	DAISY Online, DAISY Talking Books (PDTB2 for download), ncc and ncx navigation files

supported
(ANSI/NISO Z39.86)

DAISY2.02, DAIS3

Text plain tekst or HTML converted to speech
Bookmarks Only last position read per book/magazine...

Audio

Frequency range 20 - 20.000 Hz (depending on bitrate)

Signal-to-noise 80 dB

Distortion 0.2% typical (bitrate dependant)

Speaker High-performance type, 900mW, 3 inch

Line-out

connector type 2x RCA ('cinch')

fixed level 400 mVrms nominal

Headphones

connector type Mini stereo jack 3.5mm

adjustable level 2x 100 mW (2x 8 Ohm)

plug detection speaker switches off when headphones are inserted

microphone built-in for future applications

General

Power 12V 15W (3W nominal)

100-240 V, 50-60 Hz adapter enclosed

Battery Lithium-Ion 2S1P 7.2V pack,
approx. 10 hours running, 5 hours charging

Remote Control 17 buttons, 140x49x20mm, 2xAAA-battery

Operational temp. -10°C to +40°C

Storage temp. -20°C to +60°C

Dimensions 160x250x84 mm

Weight 800g

Approval CE, FCC, UL



Solutions for a visual challenge

Do you have technical or practical questions about this product? You can't find the answer in this manual? Then our Service & Support colleagues are here to help you!

Service & Support

sales@sensotec.com

BE +32(0) 50 39 49 49

NL +31(0) 15 262 59 55

Contact

sales@sensotec.com | www.pro.sensotec.com

Sensotec Belgium

Vlamingveld 8
B-8490 Jabbeke
+32 50 39 49 49

Sensotec The Netherlands

Kalfjeslaan 38,
NL-2623 AJ Delft
T+31 15 262 59 55