

Pinell of Norway

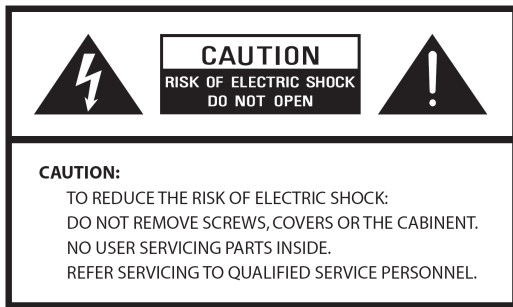


User Manual

# north basic

DAB/DAB+ / FM / Bluetooth

# Important Safety Instructions



- Read these instructions
- Keep these Instructions
- Heed all Warnings
- Follow all instructions
- Do not use the speaker near water
- Clean only with dry cloth

**WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS UNIT TO RAIN OR MOISTURE.**

1. Do not place unit near any heat source such as radiators, heat registers, stoves, or other apparatus that produce heat.
2. Do not attempt to use unit in temperatures outside the range of 0°C~4°C.
3. Do not block any ventilation openings of unit.
4. The unit shall not be exposed to dripping or splashing. No objects filled with liquids, such as vases, shall be placed on the unit.
5. Do not place any heavy loads onto the unit, and do not step on it.
6. Please read any rating labels or power input and other safety information.
7. This unit is intended to be used only with the power supply provided.
8. Protect the power cord from being walked on or pinched particularly at the plugs, convenience receptacles, and at any point where they exit from the unit.
9. Never unplug your unit by pulling on the power cord. Always grasp the plug firmly and pull straight out from the outlet.
10. Replace all electric service cords that have become frayed or otherwise damaged immediately. Do not use a cord that shows cracks or abrasion damage.
11. Unplug the unit for additional protection during thunderstorms or when the unit is not used for prolonged periods.
12. Any service work should be carried out by qualified technicians only.
13. The cabinet may only be opened by qualified technicians.
14. The normal function of the product may be disturbed by strong Electro-Magnetic Interference. If so, relocate the source of disturbance. Reset the product to resume normal operation.
15. The means of disconnecting this apparatus from the mains supply is plug of adapter. The disconnect device shall remain readily operable.
16. In the interests of safety and to avoid unnecessary energy consumption, never leave the unit switched on while unattended for long periods of time, e.g., overnight, while on holiday or while out of the house. Switch it off and disconnect the mains plug from the mains socket.

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# Introduction

## Box contents

The *Pinell north basic* box includes the following items:

- 1x Main unit *Pinell north basic*
- 1x Power adapter 100-240 V to 9 V

## External resources

To operate *Pinell north basic*, the following external resources are needed:

- A power source (100-240 V mains supply)

## Conventions used in this guide


**BUTTON** (press) Physical button on the keypad



**Option** (select) Menu option shown on the display

# Controls, connectors and display

## Main controls and connectors



BUTTON	INPUT	Function/usage	
 MODE	Power	Short Press/ Long Press 3S Powering by battery: 1. Short press to turn on, the screen lights up and enter into the main interface 2. Long press 3S, release turning off warning, release your hand to turn off	
		Short Press/ Long Press 3S Powering by adapter: 1. The screen lights up and enters into the Standby state, display the clock 2. Short press to power on, enter into the main interface 3. Long press: enter into the Standby state display clock (the display shows the charging icon)	
	Mode	Short Press	Short press in the power-on state, switch among DAB+, FM and Bluetooth
SELECT	Select	Rotating	Rotate to clockwise or anticlockwise to adjust the volume based on the current mode page
		Rotating	Rotate to clockwise or anticlockwise switch to menu, list of items or station list. The current item is highlighted in reverse text (dark characters on a light background). Press to select the highlighted item.
		Short Press	FM mode: short press to enter into searching channels automatically
		Short Press	Play/Pause on Bluetooth mode
		Short Press	Confirmation function between on menu, item list or site list;

BUTTON	INPUT	Function/usage	
	Move to Previous/Left	Long Press 3S	FM mode: searching previous channel automatically
		Short Press	DAB, FM mode: switch to the previous channel
		Short Press	Select function on Menu: move to previous function
		Short Press	Bluetooth mode: short press move to previous title
	Move to Next/Right	Long Press/3S	FM mode: searching next channel automatically
		Short Press	DAB, FM mode: switch to the next channel
		Short Press	Select function on Menu: move to next function
		Short Press	Bluetooth mode: move to next song
MENU	Menu/info	Short Press	Enter into Menu / move backwards in Menu / exit the Menu
		Long Press 3S	Show current channel information
PRESET	1	Long Press 3S	Store the current broadcasting station
		Short Press	Play the prestored radio station
	2	Long Press 3S	Store the current broadcasting station
		Short Press	Play the prestored radio station
	3	Long Press 3S	Store the current broadcasting station
		Short Press	Play the prestored radio station
	4	Long Press 3S	Store the current broadcasting station
		Short Press	Play the prestored radio station
RESET	Reset	Short Press	Hardware reset function key (hidden key)

## Screens

The screen shows various menus, dialogues and displays. There are basically six types of screens:

- Standby (clock & date)
- Splash (mode)
- Now playing
- Dialogue
- Error/Information
- Menu

Where there is more text than can be fitted onto a screen, the text automatically scrolls right to left after a brief pause.

The **Standby screen** shows the time, date and any active alarm times.



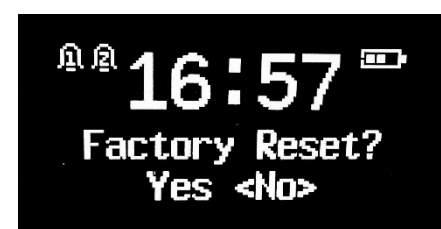
A **Splash screen** is displayed for each mode.



**Now playing screens** show information about the audio source and track now playing, where available.



**Dialogue screens** are shown to allow the user to change settings.



**Menu screens** – for details of the selected mode.



# Operation

## Mode selection

To select a Mode press **MODE** repeatedly until the required Mode splash screen is displayed. After a brief moment *Pinell north basic* switches to that mode. If possible, the last station or track, previously used in that mode, is selected. If this is not possible, *Pinell north basic* scans for relevant stations or prompts the user for appropriate input.

The Common local controls for sound volume and Play/Pause are available in all listening modes.

## Audio playback

The Volume rotary control (**SELECT**) is turned to increase or decrease the sound volume.

Press **SELECT** to start and stop tracks.

Use the 'Next' and 'Previous' button ► and ◀ :

- To scroll forwards or backwards through a track (long press)
- To skip to the next or previous track in the current playlist (short press).

## Menu navigation

The primary control for moving through menus and options is the **SELECT** control. Rotate to move back or forth a menu. Press **SELECT** once the required option or value is highlighted.

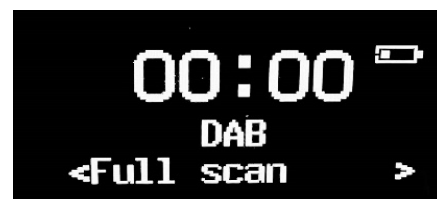
All menus and lists act as loops such that turning the control to go beyond the first or last entry in a menu or list takes you to the opposite end of the menu or list. So going up from the first entry in a menu will take you to the last option in the menu, etc.

To enter the menu tree in a particular mode press **MENU**.

To exit the menu system, press **MENU** again.

Each mode has a **Mode menu**, with options specific to that mode.

For example, the DAB mode menu has four mode specific options: Full scan, Manual tune, DRC and Prune.



## Presets

In DAB / FM mode there are 4 **PRESET** buttons (1, 2, 3, 4).

Select your favorite station to **PRESET**, long press (1, 2, 3, 4) button, the screen will warn your stored success.

If you want to choose your preset station, short press **PRESET** (1, 2, 3, 4) button to switch your favorite station, complete your choice.



# Settings

All settings parameters for *Pinell north basic* are available via the menu tree.

- Sleep
- Alarm
- Equaliser
- Time
- Backlight
- Language
- Factory Reset
- SW version

## Sleep

To set the sleep timer, press **MENU** > **Sleep** > rotate **SELECT**:

Sleep OFF, 15, 30, 45, 60 or 90 minutes.

Press **SELECT** when the required time is displayed.

To cancel a sleep time, select **Sleep Off** from the sleep options.

A sleep time is automatically cancelled if *Pinell north basic* is put into Standby.

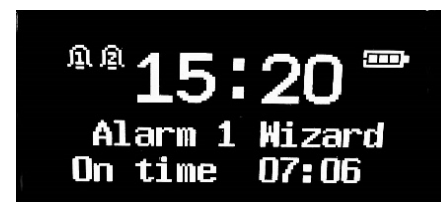


## Alarms (not in battery mode)

To set or change alarm press **MENU** > **Alarm**.

Select **Alarm 1** or **Alarm 2**, then configure the following parameters:

- **On time:** 00:00 (adjust as necessary)
- **Duration:** 15, 30, 45, 60, 90 minutes (for DAB/FM)
- **Source:** Buzzer, DAB, FM
- **Preset:** Last listened or 1-10
- **Enable:** Once, Weekends, Weekdays, Daily
- **Date:** 01-11-2022 (adjust as necessary)



To set the alarm, press **SELECT** > select **On** > **SELECT**

At the set time, the alarm will sound. To temporarily silence it, press **SELECT**. Pressing **SELECT** repeatedly cycles through the available snooze periods: 5, 10, 15 or 30 minutes.

The radio returns to standby for the set period, with the silenced alarm icon flashing and a countdown of the remaining snooze period. After the set snooze time the alarm will sound again.

During a snooze period, to change the snooze time, press **SELECT** to select a new snooze time.

Any remaining snooze time is reset to the selected time period.

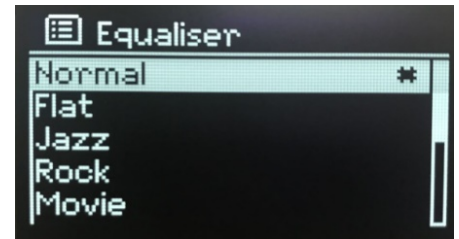
To cancel a sounding alarm, or an alarm in snooze, long press **MODE**.

## Equaliser (in DAB and FM mode)

Press **MENU** > **Equaliser** > **SELECT** and choose from a variety of predefined settings:

- Normal, Classic, Jazz, Pop, Rock or Speech
- My EQ-settings

The last option 'My EQ profile setup' allows you to define your own settings, with custom bass and treble.

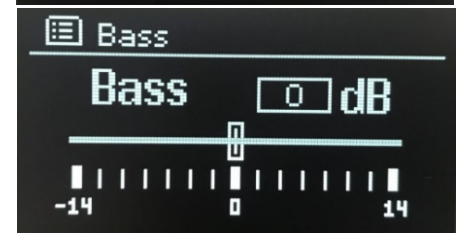
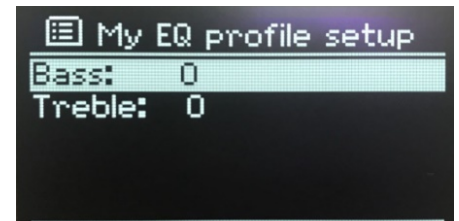


## Time/Date

- Set Time/Date
- Auto Update
- Set 12/24 hours
- Set date format

### Set Time/Date

Time and date are displayed as dd-mm-yyyy and hh:mm with the first value, dd, active (flashing). Adjust each value with **SELECT** control.



### Auto-update

Auto-update works with data sent over DAB or FM. The clock is only updated when in a corresponding mode.

Options: Update from Any (DAB or FM), DAB or FM



### Set 12/24 hours

Allows you to change between 12 and 24 hours display mode.

### Set date format

Allows you to change between DD-MM-YYYY and MM-DD-YYYY.



## Backlight

The display can be set to dim, when in Standby, after a Timeout period. This option allows you to set the timeout period and the brightness settings before (On level) and after (Dim level) the timeout period.

- Power on: High, Medium or Low.
- Standby: High, Medium or Low

## Language

The default language is English. To change, press **MENU** > **Language** > select you Language > **SELECT**.

## Factory reset

A factory reset resets all user settings to default values, so time/date, network configuration and presets are lost. However, the radio's current software version is maintained.

To perform a factory reset, press **MENU** > **Factory Reset** > select **Yes** > **SELECT**.

## SW version

Shows details of the current system:

## DAB Radio Mode

DAB radio mode receives DAB/DAB+ digital radio and displays information about the station, stream and track playing.

To enter DAB mode, press **MODE** to cycle through the listening modes until **DAB Mode** is displayed.

The DAB radio mode menu offers the following options:

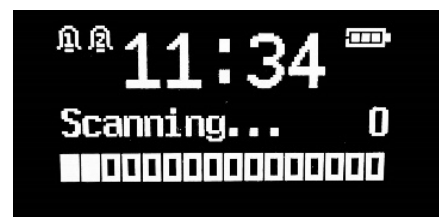
- Full scan
- Manual tune
- DRC
- Prune



## Station List

The first time you select DAB radio mode, or if the station list is empty, **Pinell north basic** automatically performs a full scan for available stations. You may also need to start a scan manually to update the list of stations for one of the following reasons:

- Available stations change from time to time
- If reception was not good for the original scan (for example the antenna was not up), this may result in an empty or incomplete list of available stations.
- If you have poor reception of some stations (burbling), you may wish to list only stations with good signal strength.



A question mark before a station in a list indicates that the station is currently unavailable. Depending on the cause of the loss of signal this may be only temporary.

Stations that are unlikely to be available again (for example you have moved out of the broadcast range of a station), can be removed from the station list.

### Full scan

To start a scan manually, press **MENU > Full scan > SELECT**

The Manual tune menu option allows the user to select a particular channel and display the signal strength for that channel.

### Prune (Remove stations from list)

To remove stations that are listed but unavailable, press **MENU > Prune > SELECT**

### Selecting stations

To listen to or change a station, turn **SELECT**, a list of stations from which you can select is presented.

Stations listed with a '?' question mark in front of them are not available. Once selected, the station plays and the screen shows 'Now playing' information about the station, track or show broadcast by the station. Alternatively pressing either **▶** or **◀**, jumps to the stations up or down in the stations list.

## Now playing information

While the stream is playing, the screen shows its name and DLS (Dynamic Label Segment) information broadcast by the station giving real-time information such as program name, track title and contact details. Stereo broadcasts are indicated with an icon at the top of the screen. To view further information, long press **MENU**.

Each time you long press **MENU**, another set of information is displayed, cycling through DLS text, program type, ensemble name/frequency, signal strength/error rate, bit rate/codec/channels, today's date and DL Plus (if available).

## Settings

### **DRC (Dynamic range compression)**

Some DAB broadcasts offer dynamic range compression (DRC). This feature allows radios to compress the dynamic range of the output audio stream, so that the volume of quiet sounds is increased, and the volume of loud sounds is reduced. This can be useful if you are listening to music with a high dynamic range in a noisy environment (for example, classical music while cooking).

To change the DRC setting for *Pinell north basic*, press **MENU > DRC**, and then **DRC high**, **DRC low** or **DRC off**.

## FM Radio Mode

FM radio mode receives analogue radio from the FM band and displays RDS (Radio Data System) information about the station and show (where broadcast).

To enter FM Radio mode, press **MODE** to cycle through the listening modes until **FM Mode** is displayed.

The FM radio mode menu offers the following options:

- Scan settings
- Audio settings



### Selecting stations

To find a station, press **SELECT**. The frequency display starts to run up as *Pinell north basic* scans the FM band.

Alternatively, you can scan up or down by long press the **▶** or **◀** buttons or tune manually with short press.

Note: Scanning can be set to search for strong signals only (see Settings below).

### Now playing information

While an FM station is playing, the screen shows one of the two following sets of data:

- If RDS information is available, by default the service name (i.e. station name) is displayed. To display more information, long press **MENU**.  
Each time you long press **MENU**, more available information is displayed.
- If no RDS information is available, the currently tuned frequency is shown.

## Settings

### Scan settings

By default, FM scans stop at any available station. This may result in a poor signal-to-noise ratio (hiss) from weak stations. To change the scan settings to stop only at stations with good signal strength, press **MENU > Strong stations only? > Yes > SELECT**.

### Audio settings

By default, all stereo stations are reproduced in stereo. For weak stations, this may result in a poor signal-to-noise ratio (hiss). To play weak stations in mono, press **MENU > Audio setting > Forced mono > SELECT**.

## Bluetooth Mode

Bluetooth mode allows Bluetooth devices to pair with *Pinell north basic*, stream music and displays information about the track playing.

To enter Bluetooth Audio mode, press **MODE** to cycle through the listening modes until **Bluetooth** is displayed.



## Pair a Bluetooth device with Pinell north basic

On your Bluetooth smart device, make sure you Bluetooth is on and scan for devices select the *Pinell north basic* audio system from the list of available Bluetooth devices

## Control from Pinell north basic

While in Bluetooth mode you can pause, play, jump to next track and jump to previous track (in the playlist on the controlling Bluetooth device) using the buttons available on the *Pinell north basic*.

# Technical Data - supplied Power Adapter

Manufacturer:	TT Micro AS, Olaf Helseths vei 6 0694 Oslo, Norway
Model number:	AC79-0902500-Z
Input voltage:	AC 100-240V
Input frequency:	50/60Hz
Output voltage:	DC 9V
Output current:	2.5A
Output power:	22.5W
Average efficiency in operation:	85.96%
Low load efficiency (10%):	83.30%
No-load power consumption:	0.1W



This symbol on the product or in the instructions means that your electrical and electronic equipment should be disposed at the end of its life separately from your household waste. For more information, please contact the local authority or your retailer where you purchased the product.



The product is CE certified. The manufacturer assures that this product will only be placed on the market in conformity with the LVD, EMC, RED and RoHS directives. The declaration of conformity can be found here with the product: [www.pinell.com/certificates](http://www.pinell.com/certificates)

\* Information in this manual is subject to change without notice.

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