



CAN RADIO / USB MP3 / WMA / DAB+ / Bluetooth®

**OWNER'S MANUAL**



RADIO DATA  
SYSTEM



WORLDWIDE  
TUNER



DIGITAL AUDIO  
BROADCASTING



MP3 / WMA



Bluetooth®



LOUDNESS  
CONTROL



LOGIC ON  
LOGIC OFF



BACKUP  
MEMORY



USB CONNECT

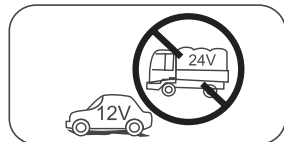


AUX IN

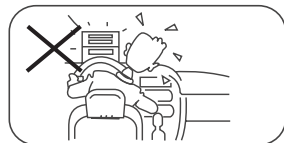
# Safety Precautions

Thank you for purchasing this product. Please read through these operating instructions so you will know how to operate your model properly. Please keep this manual in a safe place for future reference.

Only connect the unit to a 12-volt power supply with negative grounding.



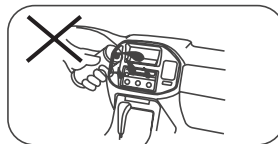
Never install this unit where operating it may impair safe driving conditions.



Never use the front video display function when driving, so as to prevent violating traffic regulations or causing an accident.

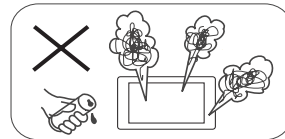


Never expose this unit, amplifier, and speakers to moisture or water to prevent electric sparks or fire.



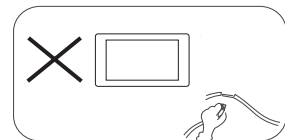
To ensure safe driving, please adjust the volume to a safe and comfortable level in case of emergency situations.

Please contact your nearest dealer if one of the following is experienced:



- (a). Water or other objects enter the unit.
- (b). There is smoke.
- (c). Peculiar smell.

Do not change the fuse on the power cord without professional guidance. Using an improper fuse may cause damage to this unit or even cause fire.



# Safety Precautions

1. Never disassemble or adjust the unit without any professional guidance.  
For details, please consult any professional car shop / dealer for inquiry.
2. If the front panel or TFT monitor is dirty, please use a clean silicone cloth and neutral detergent to wipe off the spot. Using a rough cloth and non-neutral detergent such as alcohol for cleaning may result in scratching or decoloration to the monitor.
3. If any abnormal behavior of the unit is found, please refer to trouble shooting guide of this manual. If no relevant information is found, please press the [RESET] key behind the front panel to resume factory default.
4. If you have parked the car in hot or cold weather for a long time, please wait until the temperature in the car becomes normal before operating the unit.
5. Using the car heater in low temperature environment may result in moisture inside the unit, DO NOT use the unit in this situation. If the unit still doesn't work after a few hours, please contact the service center.
6. Do not impact the LCD monitor which could cause damage.
7. To prevent damage to the screen, avoid touching it with sharp objects.
8. To provide a clear demonstration and an alternative for easy understanding to the operation of this unit, graphic illustrations are used.  
However, some illustrations are different from the actual images displayed on the screen.
9. Operate the unit correctly according to this manual to prevent unnecessary problem. The guarantee won't be valid if the problem is caused by inappropriate operation.

# Contents

<b>Safety Precautions .....</b>	<b>1</b>
<b>Basic Operations .....</b>	<b>3</b>
Front Panel .....	3
Power On / Off .....	4
Ignition Logic .....	4
Mute .....	4
Volume Adjustment .....	4
Playing Source Selection .....	4
System Settings .....	4
BALANCE, FADER .....	4
<b>Radio Mode .....</b>	<b>5</b>
Select Radio as Playing Source .....	5
Select One Radio Band .....	5
Tune .....	5
Preset Station .....	5
Local radio station seeking .....	5
EQ Selection .....	5
PTY Function .....	6
<b>Playback Mode .....</b>	<b>7</b>
Basic information .....	7
Audio playback from USB .....	7
Video playback from USB .....	7
Image playback from USB .....	7
<b>Bluetooth Mode .....</b>	<b>8</b>
Pairing Bluetooth Enabled Devices .....	8
Make a Call .....	8
Receiving a Call .....	8
Adjust Bluetooth Settings .....	9
Bluetooth Music Function .....	9
<b>Troubleshooting .....</b>	<b>10</b>

# Basic Operations

## Front Panel

1. **HOME** Key:  
Press to switch between the main menu and current source.
2. **BACK** Key:  
Press to return to previous menu.
3. **POWER / MUTE** knob:  
Press the button to turn on the unit.  
Press to mute the volume.  
Rotate to adjust volume level.  
Long press to turn on/off the unit.
4. **ILLUMI** Key:  
Press to turn off the TFT display or show clock time, press again to resume. (You can change it in settings menu.)
5. **VOICE** Key:  
Press to activate voice control mode.



# Basic Operations

## Power On / Off

Press the [ **POWER/MUTE** ] knob on the unit to turn the unit ON/OFF.

## Ignition Logic

With ignition logic activated (Default setting) the Radio can be switched on and off manually even if the vehicles ignition pin is not connected. To avoid battery discharge the radio is switched off after 1h without user operation.

## Mute

Press the [ **POWER/MUTE** ] knob on the front panel to mute the volume from the unit. Press again to restore the volume. Adjusting the volume or using any of the audio setup features cancels the mute function.

## Volume Adjustment

To increase or decrease the volume level, turn the knob on the front panel. The TFT screen displays the volume level.

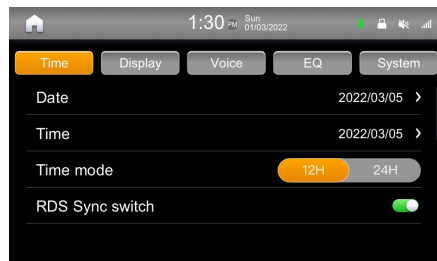
## Playing Source Selection

Press the [ **HOME** ] button on the front panel to display the main source menu. Touch an icon on the screen to enter the corresponding mode.



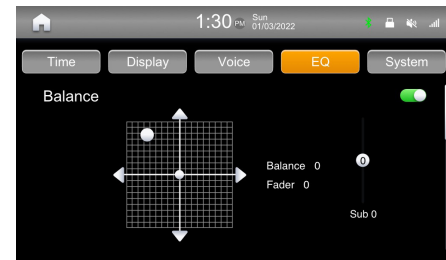
## System Settings

The system settings menu is entered by touch [ **Settings** ] icon on the main menu.



## BALANCE, FADER

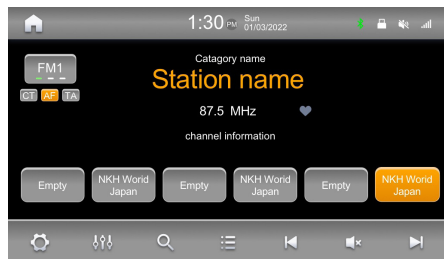
To adjust Balance and Fader, press the [ **Settings** ] icon on the main menu and then select [ **Balance** ].



# Radio Mode

## Select Radio as Playing Source

Touch [Radio] icon on the main source menu.



## Select One Radio Band

Touch the [ FM/AM ] icon on the user interface to select one radio band.

## Tune

### Auto Tuning

Press [◀] / [▶] icon on the user interface for more than 1 second to seek a higher / lower station.

To stop searching, repeat the operation above or press other keys having radio functions.

### NOTE:

When a station is received, searching stops and the station is played.

### Manual Tuning

Press [◀] / [▶] icon on the user interface to

enter Manual Tuning mode.

During manual tuning, the frequency will be changed in steps.

## Preset Station

The unit has 5 bands, such as FM1, FM2, FM3, AM1, AM2, and each band can store 6 stations; hence the unit can store 30 stations in total.

### Search Stations Automatically

Touch the search icon [🔍] to search stations and store the 6 strongest stations in the current band automatically.

### Manual Store

1. Tune to a desired station.
2. Touch one of the presets (P1 to P6) to save the selected station.

### Recalling a Station

1. Select a band.
2. Touch an on-screen preset button to select the corresponding stored station.

## Local radio station seeking

When the Local function is on, only radio stations with a strong local radio signal are played. To activate the Local function in the AM/FM tuner mode, touch [⋮] on the screen. The Options tab is revealed. Touch [LOC/DX] icon and choose the Radio Local or Distance.

## EQ Selection

Press the [🔊] icon to enter the EQ setup menu.

## RDS Basics

RDS (Radio Data System) transmits data to the radio which displays information such as station identification, song artist, and song title.

RDS service availability varies with areas. Please understand if RDS service is not available in your area, the following service is not available.

## AF Function

AF (Alternative Frequency): When the radio signal strength is poor, enabling the AF function will allow the unit to automatically search another station with the same PI (program identification) as the current station but with stronger signal strength.

## CT (Clock Time)

Some stations broadcast the time and date within the encoded RDS signal. The clock time is automatically adjusted when 'CT' is set to 'ON'.

### NOTE:

Stations broadcasting close to time zones may not broadcast the correct time in your particular area. In this case, turn CT Off and manually set the time.

# Radio Mode

## TA Function

Some RDS FM stations periodically provide traffic information.

**TP** (Traffic Program Identification)

Broadcasting of traffic information


**TA** (Traffic Announcements Identification)

Radio announcements on traffic conditions

When traffic announcement is received, the unit will temporarily switch to the tuner mode (regardless of the current mode) and begin broadcasting the announcement at TA volume level. After the traffic announcement is over, it will return to the previous mode and volume level. When TA is turned on, SEEK, SCAN, AMS function can only be received or saved when traffic program identification (TP) code is received.

## PTY Function

PTY is the abbreviation for Program Type which is a code defining the type of program being broadcast (e.g. News or Rock).

Touch [, **PTY**], then PTY options will display on the screen. To view more PTY options, touch the scroll bar and arrows on the screen.

When one PTY option is touched (e.g. News), auto search for next available PTY by increasing tuning frequency until the PTY of the next station matches the current. If no matched PTY has been found, the unit will return to the original radio frequency.

# Playback Mode

## Basic information

The car sound system can be used to play MP3 files on USB stick.

In addition, you can view movies and images from USB stick on the display.

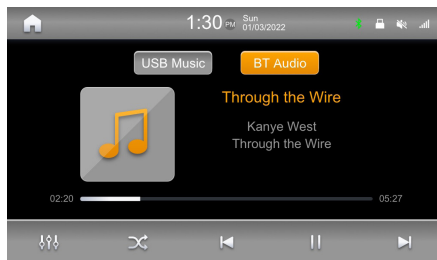
### NOTES:

1. If there are audio files supported on the USB device, the system will enter the audio files menu automatically.  
If there are no audio files, but there are video files supported on the USB device, the system will enter the video files menu automatically.  
If there are no audio or video files, but there are picture files supported on the USB device, the system will enter the picture files menu automatically.
2. Not all USB devices are compatible with the unit.

## Audio playback from USB

The principles of audio playback (MP3/WMA) from data carriers are identical for all sources. Select the desired source via the main menu. The device changes to the desired source and the playback starts.

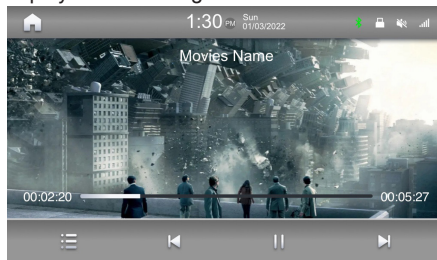
Press the [ **Music** ] icon to enter Music mode.



- [ ⏮ ]/[ ⏭ ] Track selection
- [ ⏸ / ⏵ ] Interrupt playback and continue playback.
- [ 🔁 ] Repeat/Random play.
- [ 📊 ] Display equalizer.

## Video playback from USB

Select the [ **Video** ] via the main menu. The device changes to the desired source and the playback starts. During the movie playback, the playback menu is hidden. Briefly touch the screen once to display the playback menu again.



- [ ≡ ] Display the folder/file list.
- [ ⏮ ]/[ ⏭ ] Movie selection
- [ ⏸ / ⏵ ] Interrupt playback and continue playback.

## Image playback from USB

Select the [ **Picture** ] via the main menu. The device changes to the desired source and the playback starts. If you selected a image, the playback is started. During the playback, the playback menu is hidden. Briefly touch the screen once to display the playback menu again.



- [ 🔍 ] Zoom out the picture.
- [ 🔍 ] Zoom in the picture.
- [ 🔄 ]/[ 🔄 ] Rotate the picture.
- [ ≡ ] Display the folder/file list.
- [ ⏮ ]/[ ⏭ ] Picture selection
- [ ⏸ / ⏵ ] Interrupt playback and continue playback.



# Bluetooth Mode

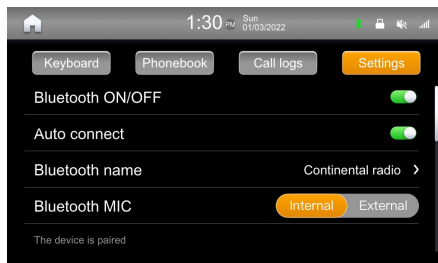
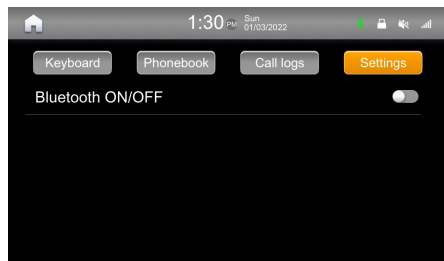
The user can make or receive phone calls with Bluetooth enabled phones through the unit. The user can also listen to music from a Bluetooth enabled device.

## Pairing Bluetooth Enabled Devices

To connect your Bluetooth phone to the unit, the user needs to pair the phone to the unit. Pairing needs only to be done once. The user can pair up to five phones.

The user can search for Bluetooth head units by mobile phone.

1. Turn ON the Bluetooth function on the device.
2. Search for Bluetooth devices by mobile phone.
3. Select the Bluetooth device ID (shown on the screen of the unit) in the pairing list.



### NOTES:

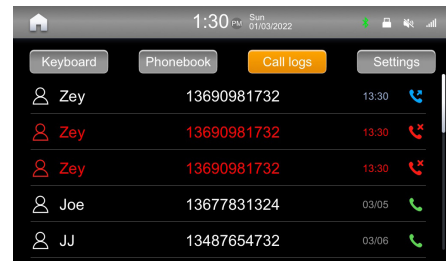
- The operational range between this unit and a Bluetooth device is approximately 5 meters.
- Before you connect a Bluetooth device to this unit, familiarize yourself with the Bluetooth capabilities of the device.
- Compatibility with all Bluetooth device is not guaranteed.
- Any obstacle between this unit and a Bluetooth device can reduce the operational range.
- Keep this unit away from any other electronic device that may cause interference.

## Make a Call

1. Search for phone number from the [Phonebook] / [Call logs], or touch the number pad directly, then touch [📞] to dial.



2. To load the Phonebook of your mobile phone, allow phone book synchronization. If you have many contacts, this may take up to several minutes.
3. The Call History include Missed, Received and Dialed calls.



## Receiving a Call

1. If there is an incoming call, the screen will display incoming call number.
2. Touch the screen to select [📞] to listen or [📞] to refuse.

# Bluetooth Mode



3. During talking, you can press the keys on the screen to:
- Keypad: Open the keypad menu.
  - Private: Transfer the call to your phone speaker.
  - Mute: Cut the volume.
  - End Call: Hang up the phone.



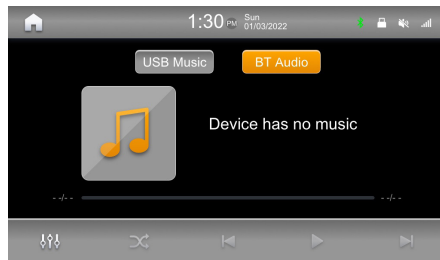
## Adjust Bluetooth Settings

In the options menu for Bluetooth, you can make the basic settings for the Bluetooth mode. Touch the [ Settings ] icon on Bluetooth menu. The options menu is displayed.

## Bluetooth Music Function

Bluetooth provides an Advanced Audio Distribution Profile (A2DP) profile for streaming music from a mobile phone, sometimes referred to as a MP3 player. The unit allows you to play back audio files from your mobile phone using a Bluetooth connection.

Press the **[Music]** button on the main menu and select **[BT Audio]**.



### NOTE:

Please quit A2DP mode before attempting to make a phone call, as unexpected results may occur depending on your mobile phone model.

AVRCP is short for Audio/Video Remote Control Profile. Mobile phones supporting this function can control the playback of a Bluetooth audio player.

The unit can control a Bluetooth audio player via Advanced Audio Distribution Profile (A2DP) or Audio/Video Remote Control Profile (AVRCP).

Bluetooth audio players (or Bluetooth adapters) compatible with these profiles can be connected to this unit.

While listening to music from any source, the user can make a phone call by pressing the number keys on the mobile phone. The unit will stop playing music, after the call received, the voice will be transferred to the unit. When the call ends, the screen will display music playing menu.

If there is an incoming phone call, the music will stop, when the call ends, the screen will display music playing menu.

# Troubleshooting

What appears to be a problem is not always serious. Please check the following points before calling a service center.

Problem	Cause	Corrective action
<b>General</b>		
Unit does not power on	Unit fuse blown.	Install new fuse with correct rating.
	Car battery fuse blown.	Install new fuse with correct rating.
No/low audio output	Improper audio output connection.	Check wiring and correct.
	Volume set too low.	Increase volume level.
	Speakers damaged.	Replace speakers.
	Heavily biased volume balance.	Adjust the channel balance to center position.
	Speaker wiring is in contact with metal part of car.	Insulate all speaker wiring connections.
Poor sound quality or distortion	Speaker power rating does not match unit.	Replace speakers.
	Wrong connections.	Check wiring and correct.
	Speaker is shorted.	Check wiring and correct.
Unit resets itself when engine is off	Incorrect connection between ACC and BATT.	Check wiring and correct.
<b>TFT monitor</b>		
Flashing image or interference appears on screen	Video cable damaged.	Replace cables.
	Improper video signal connections.	Check wiring and correct.

# FCC

## FCC STATEMENT

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

2. any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna. Increase the separation between the equipment and receiver Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Consult the dealer or an experienced radio/ TV technician for help.

## FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Hereby, Foryou General declares that the radio equipment type In-Vehicle infotainment System is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.foryouge.com](http://www.foryouge.com)

# Specifications

WiFi frequency:

5GHz..... 5150-5250MHz

WiFi output .....Max 18dBm(for FCC)

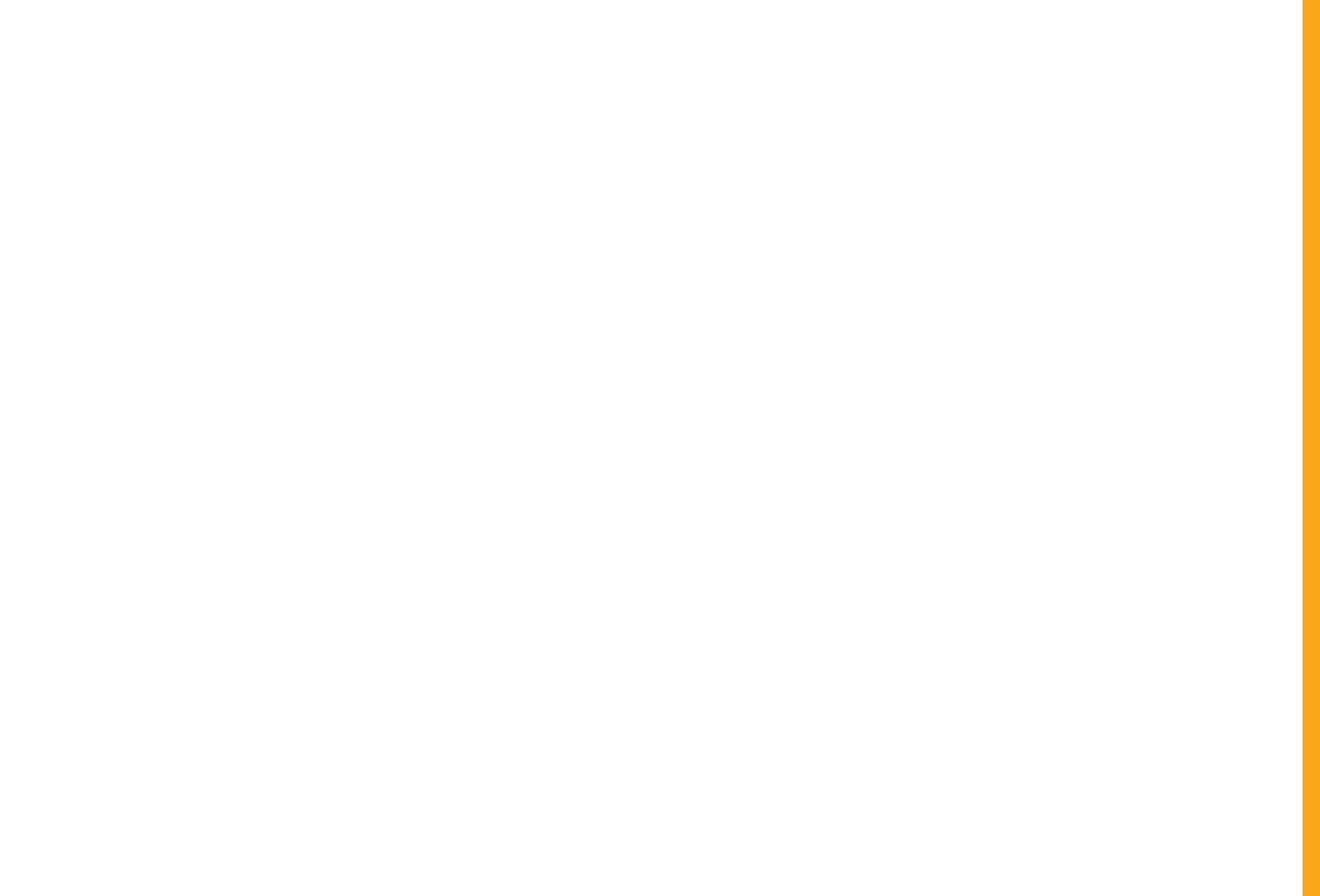
..... Max 18dBm(for CE)

BT frequency ..... 2400-2483.5MHz

BT output.....Max 4dBm

Operating temperature ..... -20°C~+70°C

Storing temperature..... -30°C~+75°C



## Continental Aftermarket GmbH

Helfmann-Park 1

65760 Eschborn

Germany

Support & Download → [www.vdo.com](http://www.vdo.com)

