

Technaxx® * User Manual

FMT1800 DAB+

with magnetic mount & wireless charging

Before using the appliance for the first time, please read the instructions for use and safety information carefully.



This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capacities, or by persons lacking in experience or knowledge, unless they are supervised or instructed on the use of this device by a person responsible for their safety. Children should be supervised to ensure they do not play with this device.

Keep this user manual for future reference or product sharing carefully. Do the same with the original accessories for this product. In case of warranty, please contact the dealer or the store where you bought this product.

Enjoy your product * Share your experience and opinion on one of the well-known internet portals.

Specifications are subject to change without notice - please be sure to use the latest manual available on the manufacturer's website.

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Hints

● Only use the product for purposes due to its intended function ● Do not damage the product. Following cases may damage the product: Incorrect voltage, accidents (including liquid or moisture), misuse or abuse of the product, faulty or improper installation, mains supply problems including power spikes or lightning damage, infestation by insects, tampering or modification of the product by persons other than authorized service personnel, exposure to abnormally corrosive materials, insertion of foreign objects into the unit, used with accessories not preapproved. ● Refer to and heed all warnings and precautions in the user manual.

Precautions

Read all safety instruction warnings carefully before using this product. Improper use of this product may result in damage to this or attached products. To ensure the products work well, never use this in the following conditions:

- Moist or underwater conditions;
- Conditions near heater or high-temperature service;
- Conditions with direct and strong sunshine;
- Conditions with adapter damage;
- Never dismantle the product without due permission, otherwise it may nullify the warranty clause.

Warnings

● To prolong the life of this device, pull it out when starting the engine of the car. ● Do not attempt to disassemble the device, it may result in short-circuit or even damage. ● Do not drop or shake the device, it may break internal circuit boards or mechanics. ● Keep the device away from little children.

Safety instructions

● The product is intended for audio transmission via FM frequencies. It is

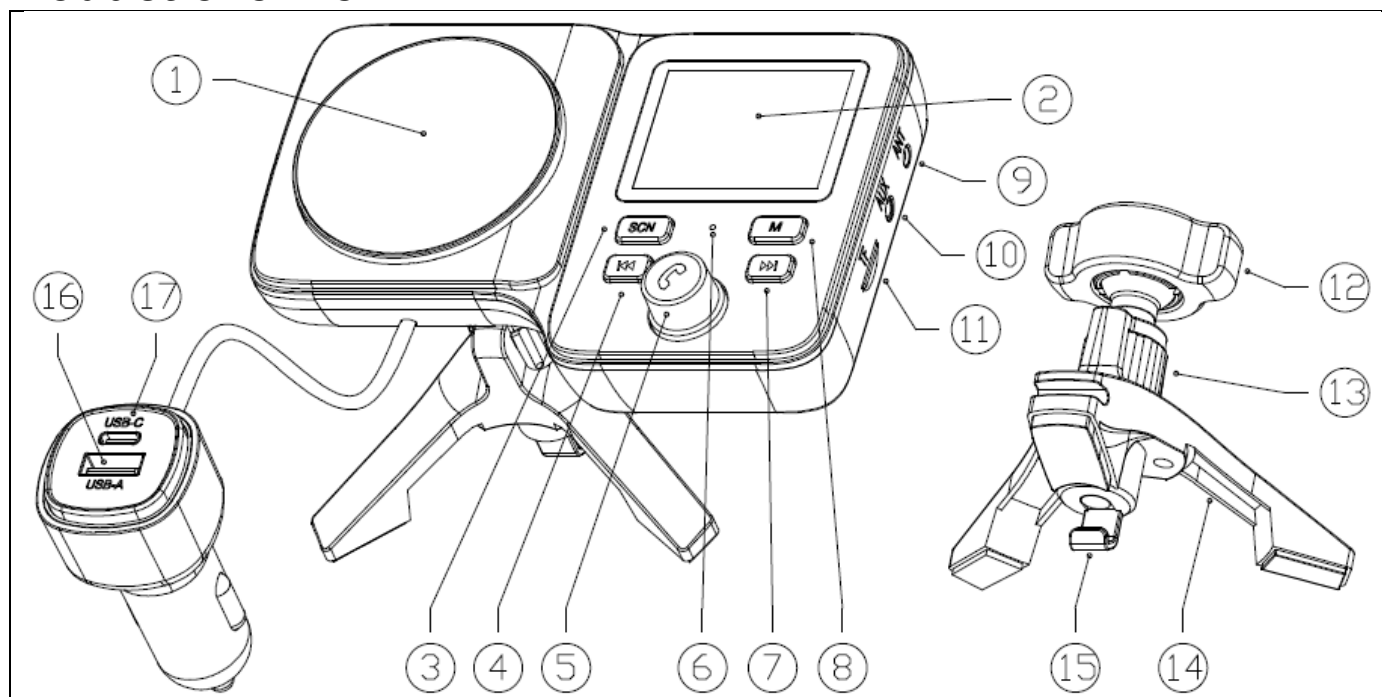
intended for use by private individuals.

- Never touch the product with wet or damp hands.
- The product can only be operated with the voltage described on the device.
- Do not place the product on an unstable surface. The unit could be damaged or persons could be injured. Any attachments should be made only in accordance with the manufacturer's instructions or obtained from the manufacturer.
- Avoid placing excessive stress on the cable, especially at sockets and plugs.
- Do not insert any objects into the openings of the unit, as current flows in some places and contact may cause fire or electric shock.
- Do not use liquid cleaners or cleaning sprays. The product may only be cleaned with a damp cloth.
- Do not connect any additional devices that are not recommended by the manufacturer.
- Do not use the product in direct sunlight or places where the temperature may exceed 50°C for a long time.

Features

- DAB+ reception 174-240MHz
- Wireless charging with 5-15W
- Wireless audio transmission to car stereo system by FM channel
- 2" (5.2cm) TFT Color display
- USB Charging via USB-C & USB-A (shared 12W)
- Playback: Bluetooth & MicroSD (max. 64GB)
- FM range from 87.5 - 108.0 MHz
- Bluetooth V5.3
- Handsfree function
- Cigarette socket with DC 12V-24V

Product overview



1	Wireless Charging Section	2	Display
3	SCN Button	4	Previous Button
5	Rotary button	6	Microphone
7	Next Button	8	Mode Button
9	DAB Antenna Interface	10	AUX Interface
11	MicroSD Card Port	12	Car Mount to Main Unit Interface
13	Car Mount Tightness Adjustment Knob	14	Mount Support Foot
15	Mount Support Foot	16	USB-A Charging Port
17	TYPE-C Charging Port		

Mounting the DAB-Antenna

Insert the DAB antenna connection plug to the FMT antenna connector (9). Attach the antenna to a spot at the window shield to receive the best signal. To further improve the signal strength, connect the sticky copper tape to the metal part of your car frame. Best is the passenger side in front of the sun visor. Here it is normally easy to lift the car ceiling and stick the copper to the car frame.

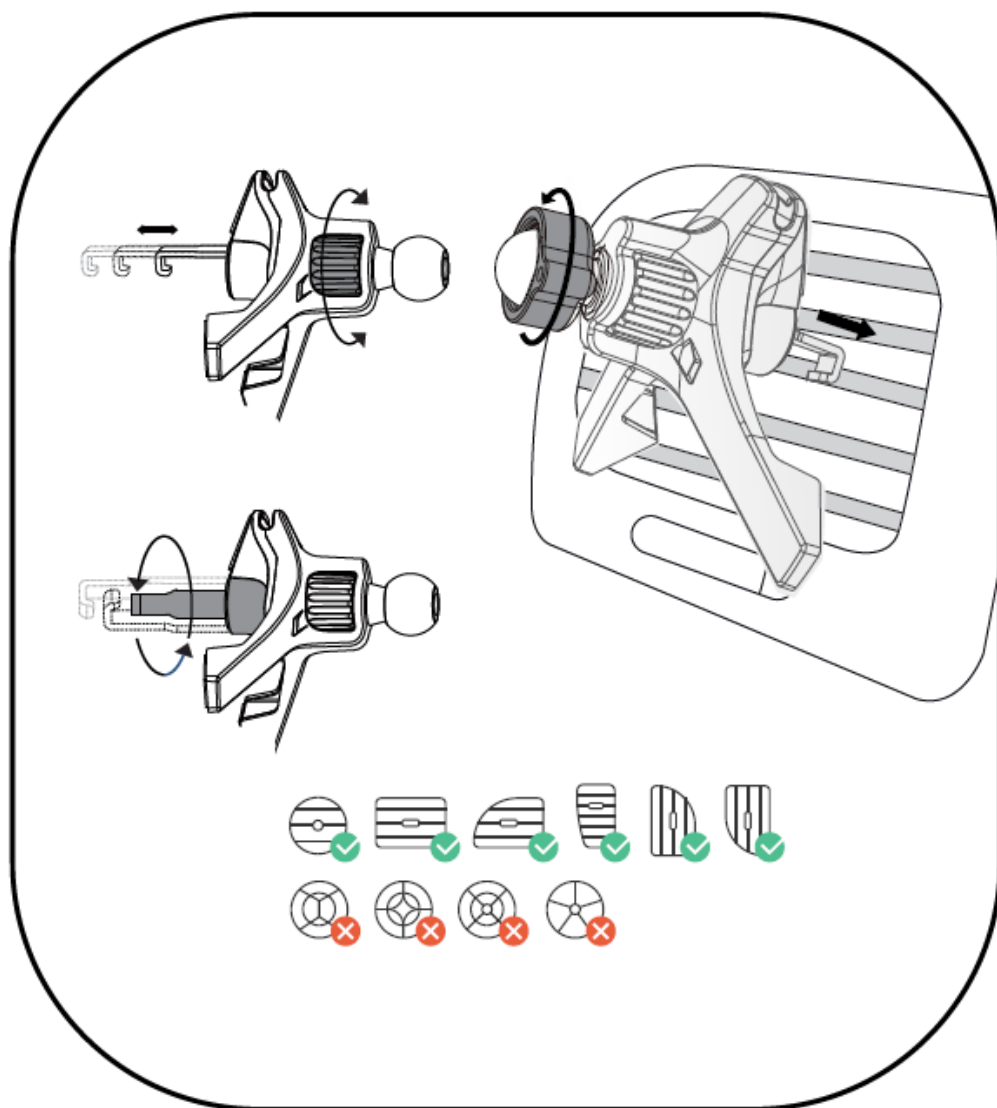
NOTE: Do not attach the antenna in the sight field of the driver.



Mounting the FMT

It can be mounted on the air vents or on the windshield/dashboard using the suction cup.

For installation on the air vents, see the image below.



Turn on

After plugging this product into the car cigarette lighter socket, the blue indicator light of the wireless charging section will flash twice and the main unit display will light up, indicating the product is powered on and working. Short-press the SCN Button and adjust the transmitting frequency with the Rotary button to match the same FM frequency of your car radio; alternatively, tune your car radio to align with the unit's FM frequency.

Button Instruction

Plug the Bluetooth FM transmitter into your vehicle's cigarette lighter socket (12V or 24V).

SCN button	Short press this button in on state to enter FM-transmission frequency setting. Increase or decrease FM transmission frequency by rotate switch button. In DAB mode, long press this button for auto scan channel frequency. In MicroSD card mode, long-press to switch playback modes.
Previous button	When playing music, short press to go to previous track.
Rotary button	While playing music, rotate clockwise to increase volume, rotate counterclockwise to decrease volume. Short press for play and pause. While phone calls, short press this button to receive or end phone calls.
Next button	When playing music, short press to go to next track
Mode button	Short press this button to change the mode. Modes are: AUX-BT-SD-DAB Short-press the Rotary button to confirm. Long-press the Mode Button to access the menu for settings including FM transmission, time, backlight and language.

Modes

To change the mode please press "M" button on the device.

DAB mode

Short-press the Mode Button to switch to DAB mode.

In this mode, long-press the SCN Button for automatic DAB station scanning. After scanning is complete: short-press the Previous Button to select the previous station, short-press the Next Button to select the next station, then short-press the Rotary button to confirm and play the selected station. Rotate the Rotary button to adjust the volume.

Press "M" button long to enter menu options to save channels to preset.

Bluetooth mode

Short-press the Mode Button to switch to Bluetooth mode. In Bluetooth mode, the device will first reconnect to the last paired device. If no previous device is detected, it will automatically enter pairing mode. You may then enable Bluetooth on your phone or other Bluetooth-enabled devices to search for and connect to this unit (FMT1800). Once connected, play music via the media player on your phone or other Bluetooth devices.

Note: It is not possible to pair the FMT by BT with your car radio!

SD card mode

Short-press the Mode Button to switch to SD card mode. Insert a SD card, and the device will start music playback.

In this mode: short-press the Rotary button to play or pause; rotate the Rotary button to adjust volume; short-press the Previous Button to play the previous track; short-press the Next Button to play the next track.

Long-press the SCN Button to switch playback modes: sequence play, single-track repeat and random play.

AUX-IN Mode

Short-press the Mode Button to switch to AUX mode. Insert one end of the included 3.5 mm AUX cable into the AUX port of the FMT and the other end into an audio source such as a mobile phone, computer, MP3 or MP4 player to enter AUX-IN mode. Play audio on your connected device, and the sound will be transmitted via this transmitter to your car speakers.

In this mode: short-press the Rotary button to mute or resume playback; rotate the Rotary button to adjust the volume.

Note: It is not possible to transmit audio from the FMT by AUX to your car radio!

Settings

Press “M” button long to enter menu options to change the settings of FM transmitter, Time/Date, backlight and language, see system information and reset to factory settings. Use the rotary switch to change the settings and press to accept the changes. Short press “M” button again to go back.

Car charger function

Insert the car charger section of the device into the car cigarette lighter socket. The blue indicator light of the wireless charging section will flash twice and the main unit display will light up, indicating the product is powered on. Plug one end of the charging cable into the USB-A or Type-C port on the car charger, and the other end into your mobile phone to start charging.

Wireless Charging Function

After inserting the car charger part of the device into the car cigarette lighter socket, the blue indicator light of the wireless charging section flashes twice to indicate standby readiness. Place your mobile phone on the wireless charging area and adjust its position to start charging. The blue indicator stays steady on during charging. If a metal foreign object approaches the wireless charging area while no phone is being charged, the blue indicator will keep flashing until the foreign object is removed, after which the indicator stops flashing and turns off.

Note: Smartphones that support wireless inductive charging (BPP, EPP, PPDE). Examples: Apple iPhone 12 or later, Samsung Galaxy S21 or later. Actual compatibility depends on the technical specifications of the specific device.

Handsfree function

- Press the  button to answer the incoming call.
- Press the  button to hang off a current call.
- Fast double press the  button to call the last caller in your call history.

Troubleshooting

1. Use only the specified DC voltage of 12-24V. Using any other voltage may cause abnormal operation or damage the product.
2. When selecting an FM transmission frequency, avoid local strong-signal radio stations to prevent interference and sound quality degradation.
3. If no sound is received by the car audio system, check whether the device and car radio are set to the same frequency. Increase the volume of the car radio or the FMT slowly, until you can hear something.
4. Adjust volume mainly via your car audio system. Do not set the unit's volume too high, as this may cause audio distortion and clipping. If distortion or clipping occurs, lower the volume to reduce the output volume for normal playback.
5. If certain mobile phones or Bluetooth devices fail to connect or play audio after connection, verify that the correct pairing password has been entered and that the device supports the Bluetooth A2DP audio profile.
6. Remove the unit from the cigarette lighter socket when not in use for long periods.

Technical specification

Display	2" (5.2cm) color TFT
Bluetooth	V5.3 / ~10m distance
BT transmitting frequency	2.4GHz
BT radiated output power max.	2.5 mW
FM frequency range	87.5-108.0MHz, 0.1MHz per step
FM radiated output power max.	50µW
FM transmission distance	~5m
Frequency Response	20Hz-15KHz
Distortion	<0.1%
Signal-to-Noise Ratio	>60dB
DAB frequency range	174-240MHz
Input power	DC 12-24V (cigarette lighter socket)
Cable length	85cm
Output power	USB-C & USB-A: port sharing 5V/2.4A (Total 12W)
Wireless charging	5-15W; BPP, EPP, PPDE
MicroSD card	Max. 64GB class10
Supported Audio Formats	MP3\WMA
AUX input	3.5mm
Material	PC + ABS
Compatibility	Smartphones with wireless charging capabilities (e.g., iPhone 12 and later, Galaxy S21 and later)
Operating Temperature	0 up to 60°C
Weight / Dimensions	134g / (L) 13.7 x (W) 8.7 x (H) 5.0cm
Package contents	FMT1800 DAB+, Mount, DAB antenna, User Manual

Support

Service phone No. for technical support: **01805 012643*** (14 cent/minute from German fixed-line and 42 cent/minute from mobile networks). Free Email: **support@technaxx.de**

The support hotline is available Mon-Fri from 9am to 1pm & 2pm to 5pm

In the event of anomalies and accidents, please contact:
gpsr@technaxx.de

Care and maintenance

Clean the device only with a dry or slightly damp, lint-free cloth.

Do not use abrasive cleaners to clean the device.

This device is a high-precision optical instrument, so in order to avoid

damage, avoid the following practice:

- Use the device in ultra-high or ultra-low temperature.
- Keep it or use it in moist environment for long.
- Use it in rainfalls or in water.
- Deliver or use it in strongly shocking environment.

Declaration of Conformity



Technaxx Deutschland GmbH & Co. KG hereby declares that the radio equipment type FMT1800 Prod. ID.:5359 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.technaxx.de/reseller

Disposal



Disposal of the packaging. Sort packaging materials by type upon disposal.

Dispose of cardboard and paperboard in the waste paper. Foils should be submitted for recyclables collection.



Disposing of old equipment (Applies in the European Union and other European countries with separate collection (collection of recyclable materials) Old equipment must not be disposed of with household waste! Every consumer is required by law to dispose of old devices that can no longer be used separately from household waste, e.g. at a collection point in his or her municipality or district. This ensures that the old devices are properly recycled and that negative effects on the environment are avoided. For this reason, electrical devices are marked with the symbol shown here.

Made in China

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