

## 7" Carplay with Touch-Display TX-320

### AUX or FM transmission to your car radio

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.

## Table of Contents

Table of Contents .....	2	Phone Link / Pairing .....	9
Hints .....	2	Media player (MicroSD card)....	10
Precautions .....	2	BT / Telephone .....	10
Warnings .....	3	FM Transmitter .....	12
Safety instructions .....	3	Setting / Setup.....	13
Disclaimer.....	3	Dropdown bar .....	15
Features .....	4	Car charger function.....	16
Product overview.....	4	Troubleshooting.....	16
Basic information.....	4	Technical specification .....	16
Mounting.....	4	Support.....	17
Main Interface & APP interface ..	5	Care and maintenance .....	17
CarPlay.....	7	Declaration of Conformity.....	17
Android Auto.....	8	Disposal.....	17

## 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

- Do not focus on the device while driving to prevent any accidents. Do not use the device or change any settings while driving.
- 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.

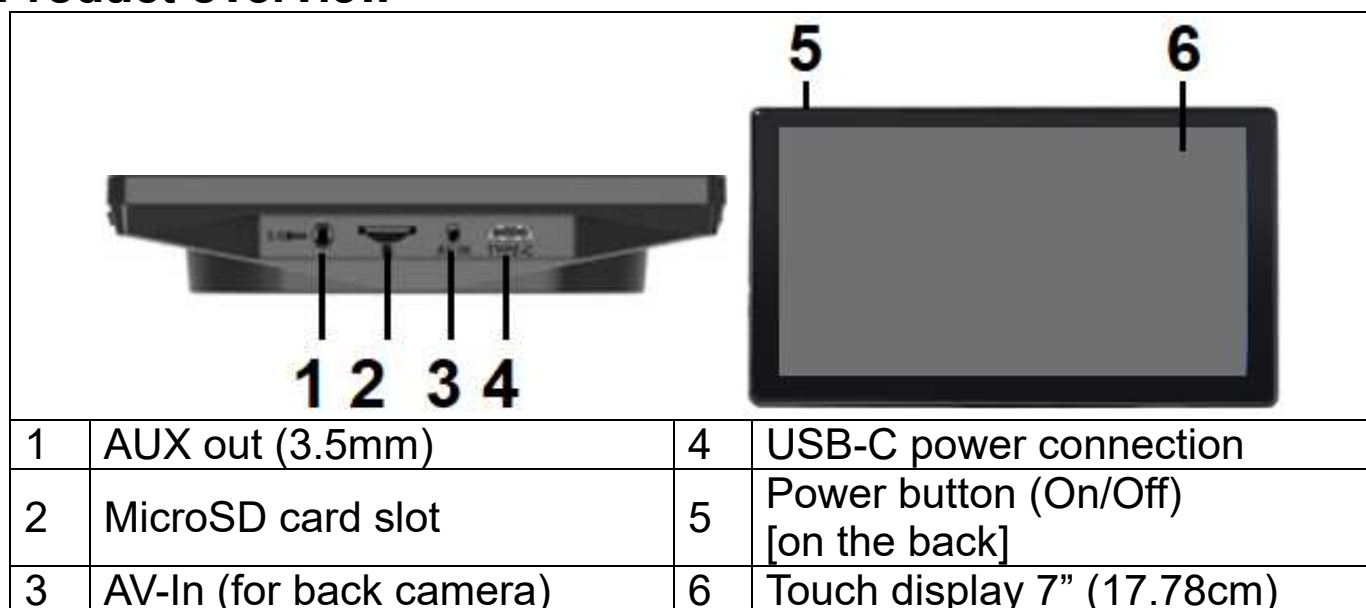
## Disclaimer

- In no event shall Technaxx Deutschland be liable for any direct, indirect punitive, incidental, special consequential damage, to property or life, improper storage, whatsoever arising out of or connected with the use or misuse of their products.
- Error messages may appear depending on the environment it is used in.
- Technaxx Deutschland is not liable/responsible for non- recording of events, missing files, etc.

## Features

- Wireless CarPlay / Android Auto via BT/WiFi
- Big capacitive touch display 7" (17.78cm)
- AUX out or FM wireless audio transmission to car radio
- Built-in loudspeaker
- Windshield and dashboard mount
- MicroSD card up to 128GB
- FM range from 87.5 - 108MHz
- Bluetooth V5.0
- Power supply DC12/24V

## Product overview



## Basic information

1. CarPlay/Android Auto supports wireless connection via BT/WiFi.
2. After the FM transmitter function is turned on or the AUX cable is inserted, the built-in loudspeaker is muted. After the FM function is turned off or the AUX cable is removed, the device will have sound.
3. Device does not have a rechargeable battery. Only works with connected power supply (USB-C).

## Mounting

There are two options to mount the Carplay display.










1. Front windshield: Place the suction cup holder on the window and press down the locking mechanism.
2. Dashboard: Attach the adapter plate to your dashboard. Place the suction cup on it and press down the locking mechanism.

## Main Interface & APP interface

Plug the power adapter into your vehicle's cigarette lighter socket (12V or 24V).




### Main interface

	Main menu (click on it)
	Back (click on it)
	FM transmitter (click to turn On/Off)
	Brightness (click to adjust: Sun, Moon, Off)
	Volume (click to adjust: Mute; 1-30)
	Bluetooth (click to turn On/Off)
	CarPlay (click to enter CarPlay, when Smartphone is successfully connected via BT/WiFi)
	Time/Date (syncs after Smartphone connection or click on it to set manually)
	Android Auto (click to enter Android Auto, when Smartphone is successfully connected via BT/WiFi)

	Phone link / Pairing (set CarPlay/Android Auto connection settings)
	Background (click to change)
	Apps (click to open App interface)
	BT/Telephone (click to open call option, caller list, contacts, BT connection and BT music)
	Setting/Setup (click to open settings)
<b>App interface</b>	
	Media player (MicroSD card)
	Clock / Date&Time settings
	Equalizer / Sound settings
	Calendar
	FM transmitter (set FM channel for radio transmission)

## CarPlay


Click on the  application icon to enter the application interface, and connect the device according to the prompts and personal needs.

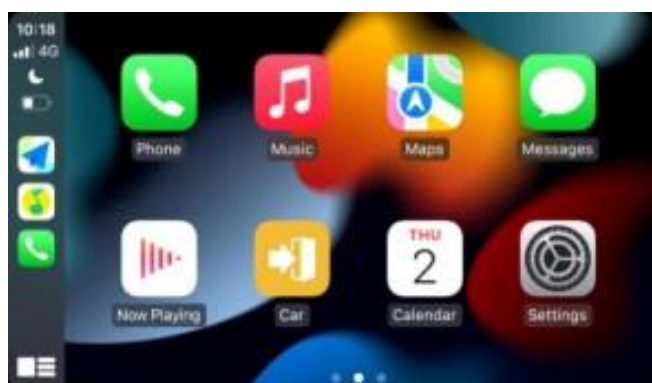
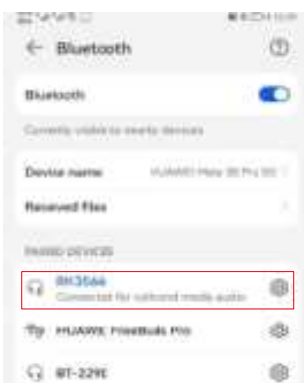


## CarPlay wireless connection

CarPlay wirelessly connects to iPhone, only requires Bluetooth connection. BT name: Car BT-XXXX.




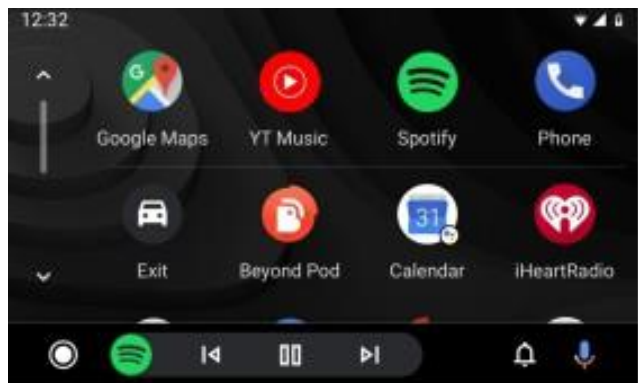
After clicking on  to connect successfully, the car machine will display the application screen, and relevant functional operations can be carried out at this time





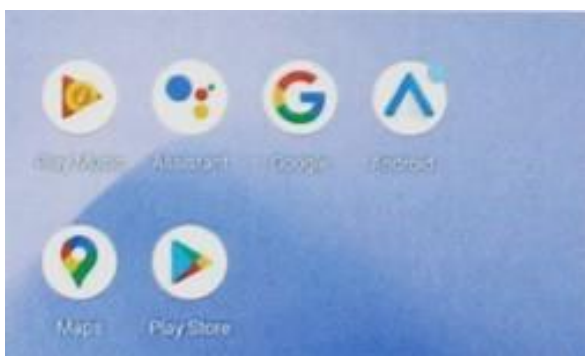
## Android Auto


Click on the  application icon to enter the application interface, and connect the device according to the prompts and personal needs.

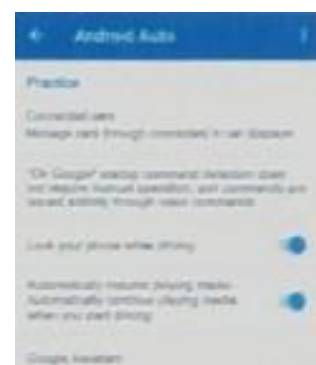
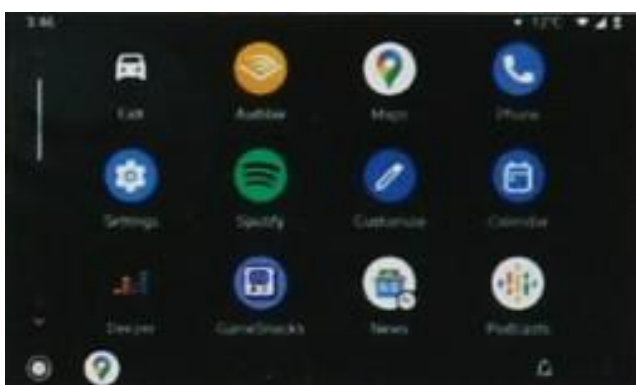


## Android Auto wireless connection

Android Auto wirelessly connects to Smartphone, only requires Bluetooth connection. BT name: Car BT-XXXX.



After clicking on  to connect successfully, the car machine will display the application screen, and relevant functional operations can be carried out at this time





## Phone Link / Pairing

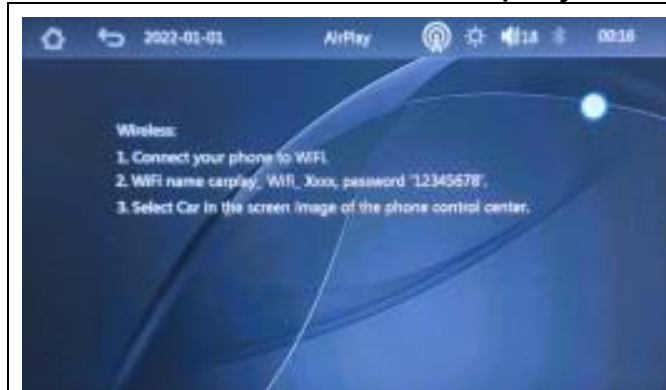
Click on the  phone link icon to access the interface.



Click the Auto connect icon on the left/right Auto connect to select:  
(left option: CarPlay/mirror/nothing)  
(right option: Android(Auto)/mirror/nothing)

## Apple AirPlay

Click on the  icon to display the apple airplay information



### Wireless

1. Connect your phone to WiFi.
2. Wifi name: "carplay\_ wifi\_XXXX", Password: "12345678"
3. Select "Car" in the screen image of the phone control center.

## Android Cast

Click on the  icon to display the Android Cast information





Scan the QR code, download APK, install it and activate the floating window authorization on the Smartphone.

### Wireless

1. Turn on hotspot on your phone and turn off WiFi.

2. Set the hotspot name to "car" and password to "12345678"
3. Open the phone Mirroring APK.

## Media player (MicroSD card)


Tap the apps  icon to enter more apps, find and tap the  icon to enter the apps interface, where you can enter the audio and video player interface. Select the audio and video files to be played.

Audio/video supported formats: AVI, MKV, QT, MPG, ASF, FLV, RMVB, MP3, WMA, ACC, WAVE, FLAC, APE, OGG, M4A

Image supported formats: BMP/GIF/JPG/PNG





## BT / Telephone

Click on the  application icon to enter the Bluetooth interface. After connecting to the phone Bluetooth, you can perform functions such as phone and music player.

### Dial



1. Click on the number in the interface to input the phone number. If the input is incorrect, click - to delete it one by one.
2. After entering the phone number, press  to dial;  
Press  to end the current call.


## Call history



1. The call history can only synchronize the outgoing calls, incoming calls and missed calls.
2. On the call history, clicking on the contacts of received calls, dialed calls and missed calls in the list can also directly dial them out.

## Telephone/Contacts



1. Enter the phone book: Click the  [Sync Contact) button to confirm the pop-up synchronization contact book request.
2. Search Contacts: After synchronizing contacts, enter letters in the search box on the right to search.

## Pairing devices





When the Carplay display is not paired with a device, go to Phone>Settings>Bluetooth>Search for Device>Find the Bluetooth name "CAR BT-xxxx" of the host to connect. The phone will pop up a PIN code box, enter (PIN code on the settings interface) or confirm directly and display "Phone Device Name" to indicate successful connection.

## BT Music function



1. Bluetooth music player interface, which can be connected to a Bluetooth phone for playback/pause/up/down function operations
2. Use Bluetooth music function to play songs on your phone. For some music players on your phone, you need to first enter the music page from your phone and click play.

## FM Transmitter

Tap the apps  icon to enter more apps, find and tap the  icon to enter the FM interface.




1. Click FM on/off and blue means on.
2. After enabled, click </> to select the frequency band.
3. There are 3 modes of audio output:
  - SPK (speaker of the device itself)
  - FM transmitter
  - AUX.

The device will have sound only when SPK mode is selected. If FM/AUX is selected, there will be no sound from the device.



## Setting / Setup

Click on the  application icon to enter the settings page and perform related functional operations.

### Basic Settings



- |                      |                     |
|----------------------|---------------------|
| 1. Reverse mute      | On/Off              |
| 2. Reverse track     | On/Off              |
| 3. Mirror camera     | LR/ UD/ LRUD/ Close |
| 4. Touch calibration | Yes/No              |
| 5. Restore factory   | Yes/No              |

### System settings



1. Enter password to enter system settings  
Password: 113266


#### **!WARNING!**

*Modifications may result in the device not functioning!*

### Equalizer (EQ)



There are two ways to enter the EQ interface:

1. Enter the equalizer settings interface by clicking on the  icon on the APP interface.
2. In the settings function, enter the equalizer interface.

3. The equalizer offers 6 types of sound effects to choose from.
4. The equalizer offers 10 EQ segments for free adjustment.

## Display settings



- |               |            |
|---------------|------------|
| 1. Brightness | Default 50 |
| 2. Contrast   | Default 50 |
| 3. Hue        | Default 50 |
| 4. Saturation | Default 50 |
| 5. Reset      |            |

## Desktop background



Click on the corresponding image to switch the background.

## Language settings



Supports multiple languages: EN, FR, DE, IT, PO, ES, PL, CZ, NL, TR.

Drag the list upwards and select the desired language.


## Time setting



1. Click on the clock in the main menu to adjust the date and time.
2. Call up the time settings in the settings.
3. The device has the function to automatically set the current time via Bluetooth connection. The time and time zone are then



	synchronized automatically.
4. You can manually set the time zone and time format as needed	
5. Time format 12 hours/24 hours	

System Information		
	Version	
	1. OS	Information Display
	2. APP	Information Display
	3. MCU	Information Display
	4. BTMAC	Information Display
	5. BTSET	Information Display

## Dropdown bar

Drag the screen downwards from the top of the screen to bring up the dropdown menu shown below.

### Dropdown menu interface

The status bar and drop-down menu functions are as follows:

	1. FM	Transmitter On/Off
	2. TFT	Screen - On/Off
	3. Bluetooth	Bluetooth interface
	4. EQ	Equalizer interface
	5. Setup	Setting interface
	6. Brightness adjustment	Screen - Dark/Bright
	7. Volume	Volume +/-
	8. Music	previous / pause/ play / next

## Car charger function

The power adapter comes with an USB-A and USB-C charging port. USB-A and USB-C output are sharing DC 5V/2A. USB-A is for Smartphone and USB-C is to power the Carplay display.

## Troubleshooting

- The device cannot be turned on. Check whether the power connection is normal.
- Bluetooth cannot connect. Ensure that the Carplay display has been disconnected from all device Bluetooth and connect it again from a fresh connection.
- Cannot play music, videos or photos from MicroSD card. Check if the MicroSD card is damaged.
- Make sure the car cigarette lighter voltage is 12/24V, otherwise the product will not work properly or even destroyed.
- When selecting channels, please avoid channels with strong signal so as not to affect the sound quality.
- If the car radio does not receive music, check if the frequency of the station and the vehicle are the same, or increase the volume to improve the performance.
- Use the car radio to adjust the volume. Do not increase the volume too much or distortion will occur. If distortion occurs, decrease the volume.
- For safety reasons, unplug the car charger when not in use.

## Technical specification

Display size	7" (17.78cm)
WiFi distance	Up to 10m
WiFi protocol	IEEE 802.11 b/g/n/ac
WiFi transmitting frequency	2.4GHz; 5GHz
WiFi radiated output power max.	40mW, 16mW
Bluetooth	V5.0 / ~10m distance
BT protocol	BR, EDR, BLE
BT transmitting frequency	2.4GHz
BT radiated output power max.	2.5mW
FM frequency range	87.5–108MHz
FM radiated output power max.	50μW
Input (power adapter)	DC 12/24V (cigarette lighter socket)
Output (power adapter)	USB-C & USB-A port sharing 5V/2A
AUX out	3.5mm jack
AV in	2.5mm jack
MicroSD card	Max. 128GB class10 U1
MicroSD format	FAT32 up to 32GB; exFAT up to 128GB

Material	ABS
Weight / Dimensions	254g / (L) 19.0 x (W) 11.1x (H) 3.7cm
Languages	EN, FR, DE, IT, PO, ES, PL, CZ, NL, TR
Package contents	7" Carplay with Touch-Display TX-320, Power adapter (USB-A; USB-C (1.5m), AUX-cable (1m), Mounting bracket, 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, please 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 TX-320 Prod. ID.:5242 (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](http://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

Distributed by:  
Technaxx Deutschland GmbH & Co. KG  
Konrad-Zuse-Ring 16-18,  
61137 Schöneck, Germany

7" Carplay with Touch-Display TX-320