Navigation
Navigate for you in real ti...

🔊   📍

Music
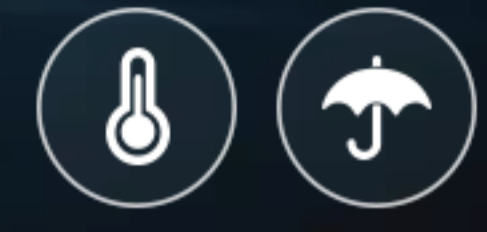Move Your Body - MYO

⏮   ⏭

Phone
No phone connected

☰   👤

Weather
Toggle weather interface

🌡   ☂

Car Info
Display original car info
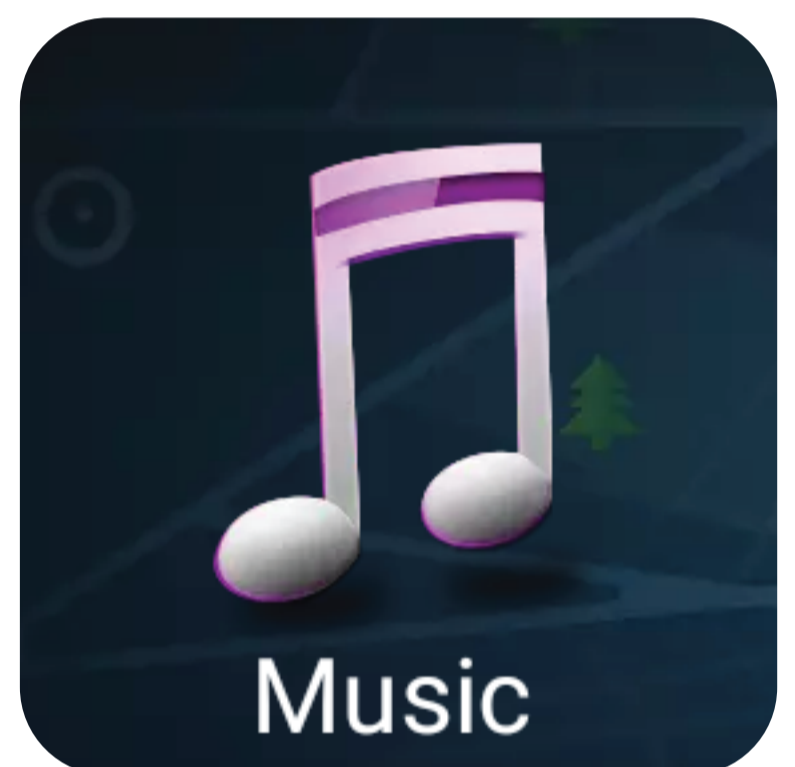
▶   🔊

▼Theme Settings

DMP CAR DESIGN

Navigation
Google Map / Waze Shortcut

🔊 Recent Navigation

📍 Navigate to home

Music
Open Music Player

⏮ Previous Track

⏭ Next Track

Phone
Open Phone App

-Phone Connection (via Bluetooth)
-Auto Answer Toggle

☰ Recent Calls

👤 View Contact

Weather
Open Weather App

-Choice of °C / °F
-3 Options to view

Wind | Humidity | Visibility | Rain/Snow | UV(ultraviolet)

🌡 Tempreture

☂ Weather

Car Info
Display Original Car info

▶ Car Info shortcut

🎵 Show Car Info

Settings
System
- ⇅ open setting
- ⓘ settings info

HD Video
Don't watch while driving

APPS
More Apps

PhoneLink
Phone Mirroring

Dashboard

▼Theme Settings

Settings
System
- ⇅ open setting
- ⓘ settings info

HD Video
Open Video player
- ⏮ Previous Video
- ⏭ Next Video

APPS
Open App Selector
- 👤 Contact
- 🌐 Internet

Phone Link
Phone Mirror Link
- ⏫ Android Auto
- ↺ Apple Car Play
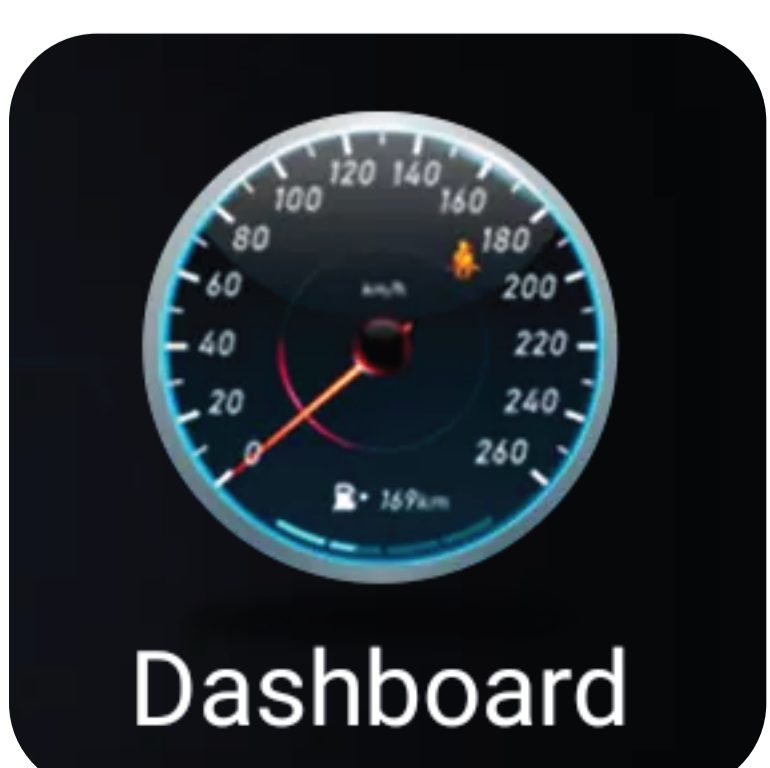
Dashboard
View car Dashboard
- ◎ Meter
- View dashboard

Home

Home

Time

Wifi

High Definition Resolution

Turn Off Screen

Recent Apps

Back

19:21

Settings
System

HD Video
Don't watch while driving

APPS
More Apps

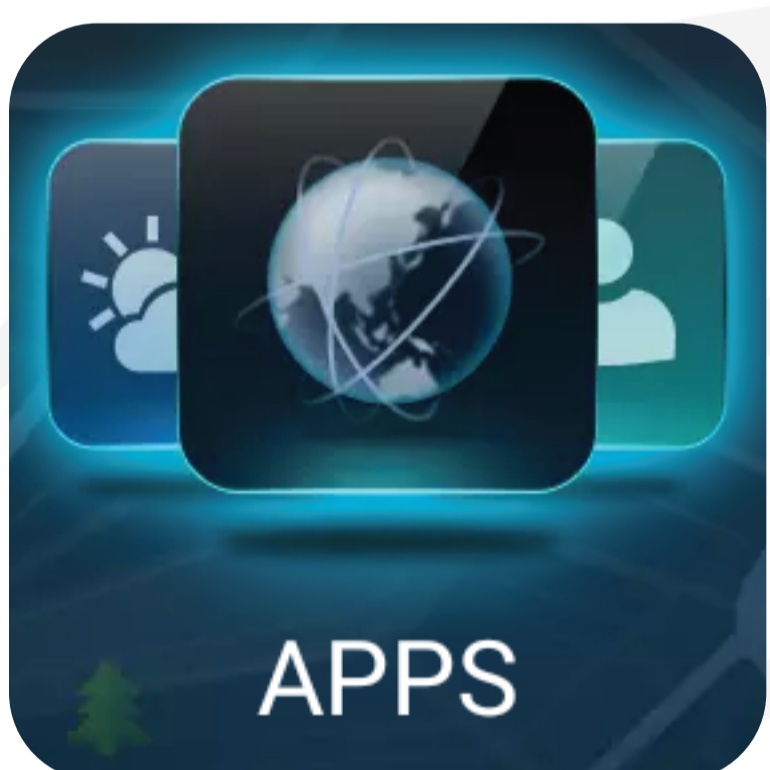Phone Link
Phone Mirroring

Dashboard

▼Theme Settings

Theme 1   Theme 2   Theme 3   Theme 4   Theme 5   Theme 6   Theme 7   Theme 8

Theme Settings

select themes from 1 - 8 to change your device theme

MUSIC PLAYER

Music

12:33

Doobi_Doobi_Doo.mp3

Cassandra

Gama Dance

00:36   04:03
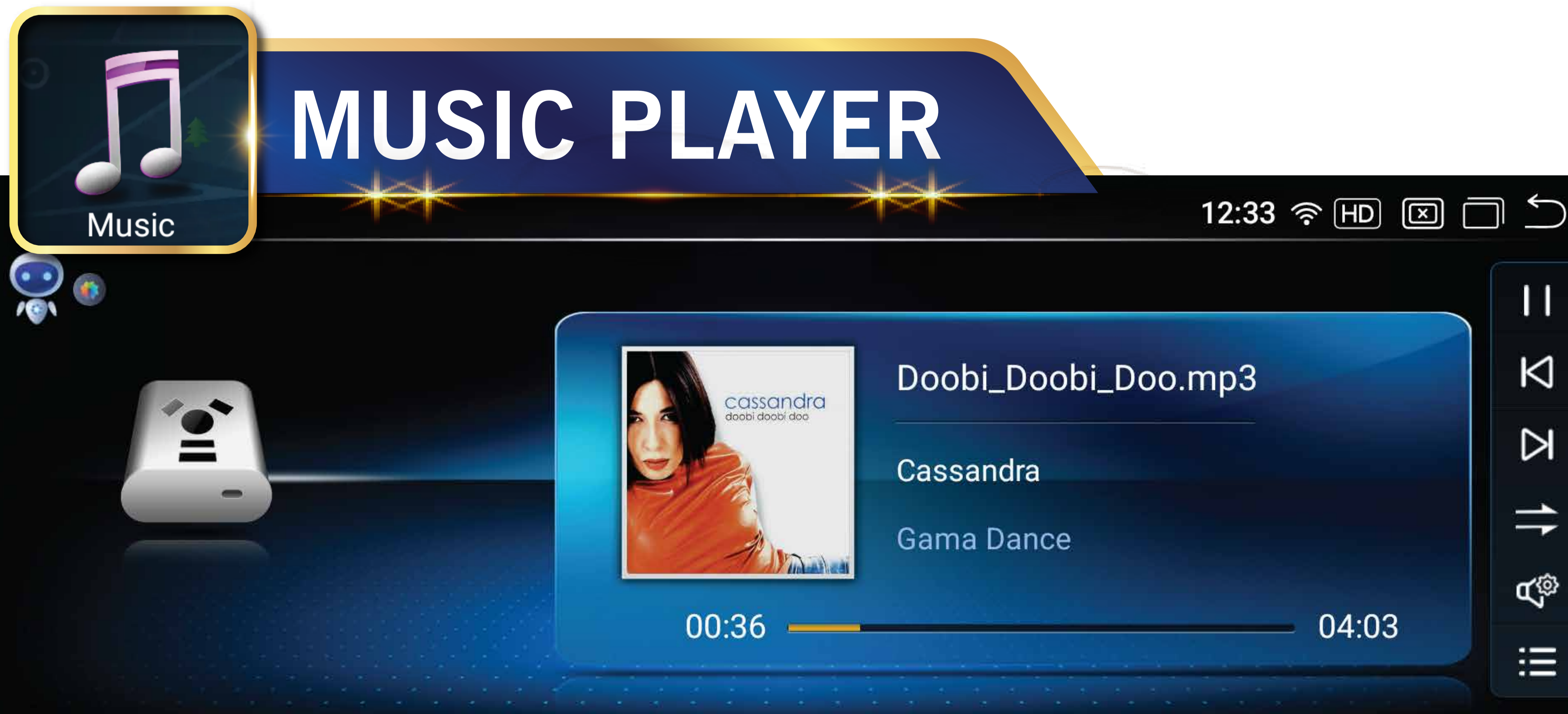
Play/Pause

Previous

Next

Sequential play, list loop, random play, and single loop

Sound Setting

File List
playlist selector source from internal storage or USB

Supported audio formats: MP3, WMA, AAC, FLAC, APE, WAV

Phone App

Phone

09:11

T
YOYO
Searching

Unconnected
Name GOCSDK
PIN 0000
☐ Auto answer
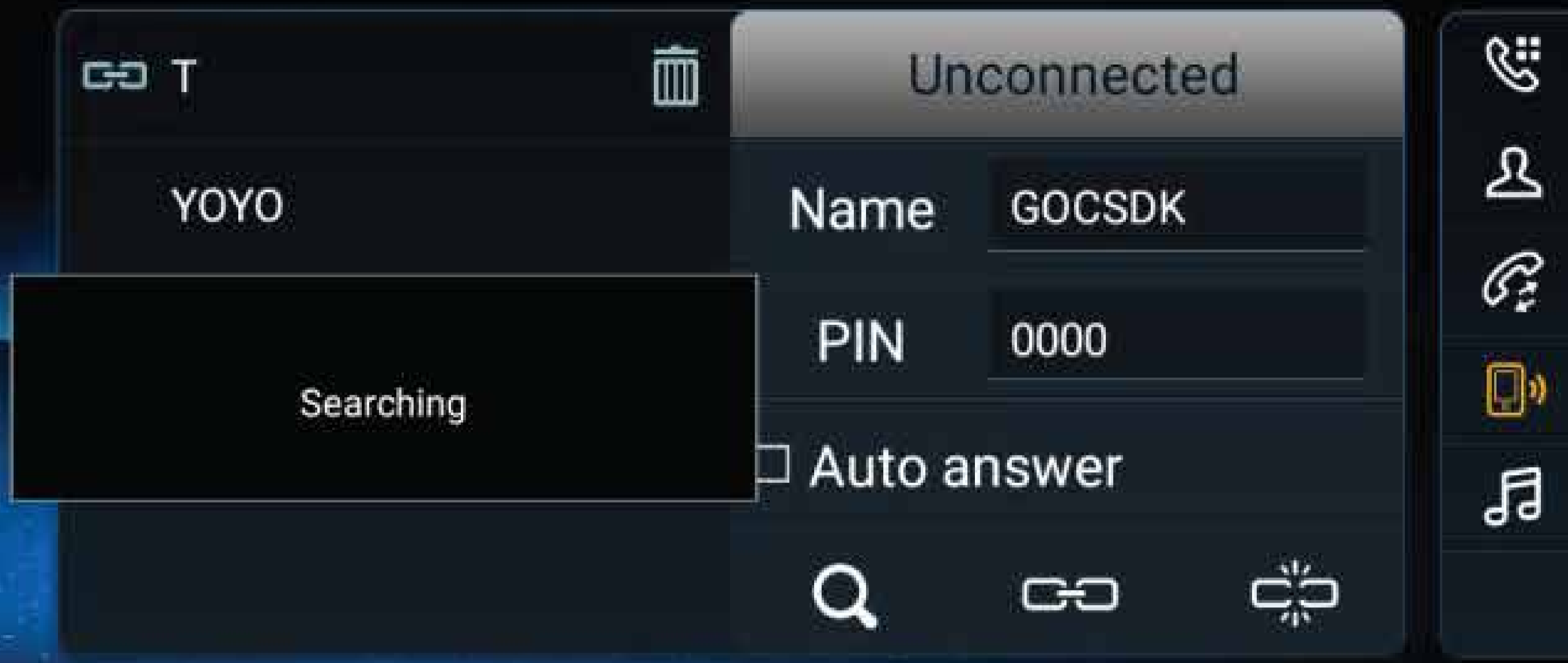
Phone controls

Phone Dialer
Dial to make phone calls

Contacts
open contact list syinc from your phone

Recent calls
view recent calls

Link Device
open link device screen

Bluetooth Phone Audio
play audio from your phone to car speakers

Link Device

Q ——**Search for device**

GO ——**linked device**

——**unlink device**

Weather App

Weather

📍New York
2022-11-18 Friday
8mp/h
64%
2%

63°F
60~63°F

Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday
58~60°F	66~68°F	55~59°F	50~56°F	57~60°F	52~58°F

Please select your favour

°C   °F

Please select three options

☑ Wind
☑ Humidity
☐ Visibility
☑ Rain/Snow
☐ UV (Ultraviolet)

-*Choice of °C / °F*
-*select 3 options to show on the screen*
 Wind | Humidity | Visibility | Rain/Snow | UV(ultraviolet)

Original Car Info

Navi   Radio   Media   Tel/🌐   Vehicle

3   MIX

♪ Music

1/1

00:00   -04:22

0

|◄◄   ►►|

Options   II   Search   Devices

27 °C   A/C OFF   AUTO   27 °C

120 140 160 180
100   200
80   220
km/h
60
00
40   240
260
20   0   280

🌡 -40.0°C

Enter the original car interface

this is the original OEM menu which does not have touch function but can only be controlled by iDRIVE

Settings page

System   >

☑ Reverse radar

‹ Camera selection

‹ Backlight brightness

☑ Reverse mute

‹ Car AUX item position

Enter the device settings page

this is where you can adjust your device setting, system settings and android settings

*Please refer to page 8-9 for settings manual
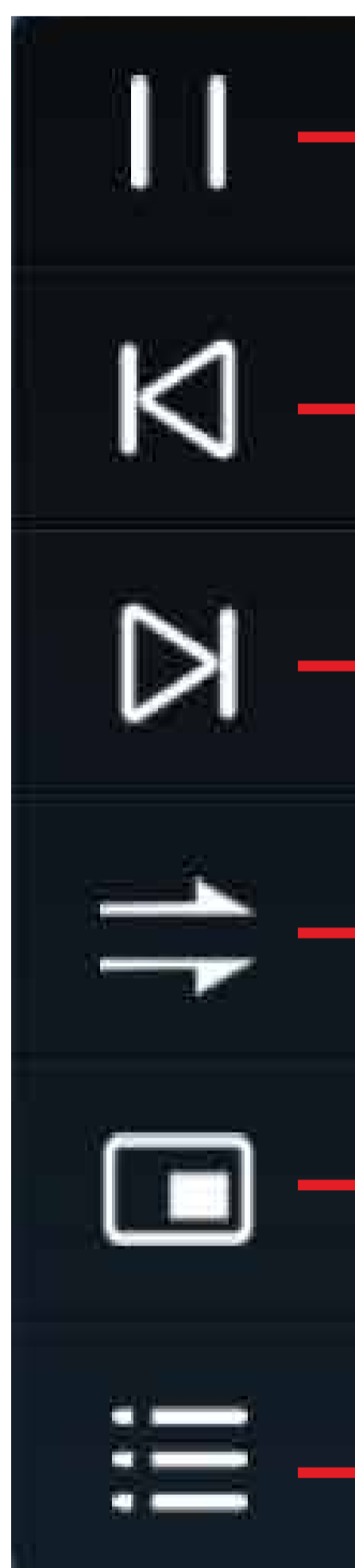
HD Video

17:20

HEVC / h265
www.h265files.com

Location: Dachstein / Austria
Footage: Frederick Tschernutter, Helmut Strasser
Music: LoveShadow – You Made It Up (cdk Mix)

00:03   00:16

DMP CAR DESIGN

▮▮ —— *Play/Pause*

◁◁ —— *Previous*

▷▷| —— *Next*

⇄ —— *Sequential play, list loop, random play, and single loop*

▣ —— *Picture in picture mode*
Enable floating video player on screen

☰ —— *File List*

App drawer

APPS

17:20

Settings	Play Store	Maps	Equalizer	Chrome	User feedback	Assistant
Google	Weather	APKInstaller	ES File Explorer	MX Player	ZLINK5	DAB-Z
UserManual	GPS Test	Toppal Service	Toppal Voice	Car Care		

DMP CAR DESIGN
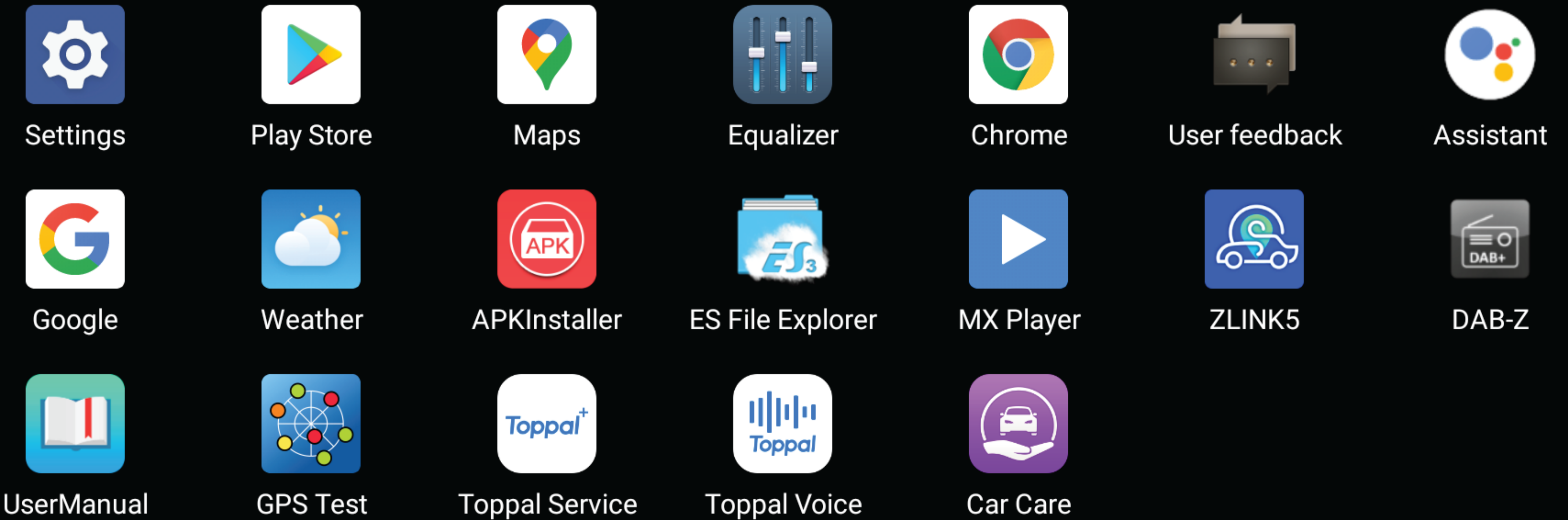
App selection page
all your installed apps will appear here. Use "Play Store" to download more apps

Phone Link

BT Name: FSC-CARKIT

Zlink

CP/AA

Please connect your phone to this device with USB or Bluetooth

Zlink App
an app that connect to your phone to enable "Android Auto" and "Apple Carplay"

Dashboard

Instrument cluster view
display your insturment cluster information on the screen
RPM / speed / engine tempreture / etc

www.dmpcardesign.com
dmpcardesign
www.facebook.com/dmpcardesign

Settings Page

System

Mirror Reverse Camera
Toggle Mirror image mode

Disable Video In Motion
Select to disable video playing while vehicle is moving

Parking Lines
Select to enable parking guide lines

Park Distance Control
Select to enable distance guide

<Camera Selection
select camera that you are using [Aftermarket/OEM/360]

<Brightness
adjust screen brightness

Mute While Reverse
Select to mute music & video when reversing

<AUX Position
AUX position selector (Select AUX position according to factory aux setting)

<Unit of Temperature
Select unit of tempreture °C or °F

<Select Music App
Choose your prefered music app

<Select Video App
Choose your prefered video app

Navigation
choose your prefered Navigation App: Waze, Google map, etc.

Volume
Android Volume Control
control volume for your android headunit

OEM Volume Control
control volume for your OEM car

Sound
Adjust Sound Modes
select sound modes: Bass, Alto, Treble

Language
select your prefered language
Simplified Chinese / Traditional Chinese / English / German / etc

Time
Car Time
follow time setting on the car

Android Time
use time from the internet

Time System
12 hour and 24 hour selector
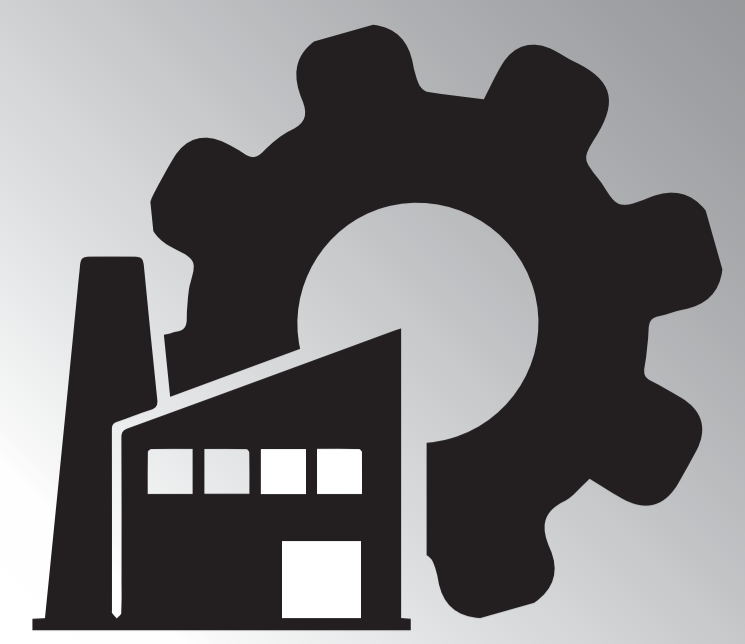
System Info
Show your system information

Android
Open android settings

Factory Setting
Open Factory settings
-Factory password "190627"

Factory Setting
Function

Select to enable

🟥 **USB HOST**
enable USB functions

🟥 **Zlink**
Apple Carplay and android auto

☐ **HiCar**
Huawei car conection

🟥 **Google Apps**
Enable Google apps

☐ **AUX**
Enable AUX function

☐ **DTV**
Enable Digital Television

☐ **F_CAM**
Enable Front camera

🟥 **Txzing Assistant**
Car Smart Assistant

🟥 **BT**
Bluetooth

☐ **Touch data continuously sent**
Touch data monitoring fuction

☐ **Front view mirror setting**
Enable front view mirror setting

```
🟥 Enabled by default
☐ Disabled by default
```

Remember The Last Mode
○ Enable
● To OEM System
○ To Android Homepage

DVR
(Driving recorder)
○ Close
○ CVBS DVR
● USB DVR
[Choose apk]

Bluetooth Selection
(Select Bluetooth Source)
○ OEM Bluetooth
● Android Bluetooth

Amplifier Selection Camera
select amplifire type
● CVBS Camera
○ VGA Camera

Automatic Brightness
screen auto brightness function
● Wide Lamp Control
○ Close

Unit Selection
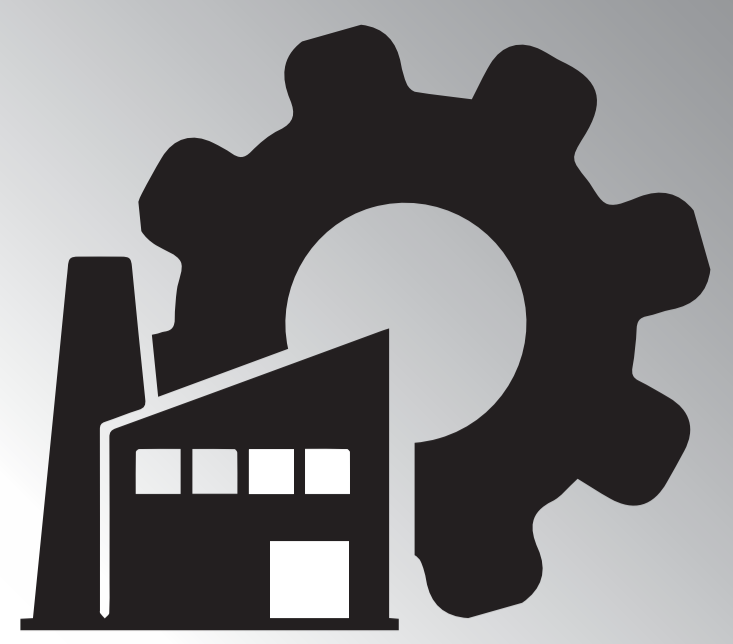*Select your unit of measurements*
● Metric Unit
○ Imperial Unit

AHD Camera Selection
Selection Analog High Definition Camera
● Automatic Detection
○ AHD-1080P-30HZ
○ AHD-1080P-25HZ
○ AHD-720P-30HZ
○ AHD-720P-25HZ
○ AHD-720P-50HZ
○ CVBS-NTSC
○ CVBS-PAL

DMP **CAR** DESIGN

Factory Setting

Vehicle

☐ **Car Without OEM Monitor**
Select if your car does not come with any screen from factory

AUX Switching Modes
- ● Automatic
- ○ Manual

AUX Auto Switching
- ○ Alpine
- ○ Harman
- ● Other

Knob Type
- ● Knob_A
- ○ Knob_B

Driver's Seat
- ● Left driver's seat
- ○ Right driver's seat

Number of doors
- ● 4 Doors
- ○ 2 Doors
- ○ Hide Doors

Speedometer Selection
- ● 260km/h
- ○ 280km/h

Gear Selection
- ● Gear type 1
- ○ Gear type 2
- ○ Gear type 3

MAP Key Selection
- ● Android Navi
- ○ Car Navi

Mode Key Selection
- ● Enable
- ○ Disable

FL Speaker Enable
- ● Enable
- ○ Disable

Speed Type Selection
- ● Speed Type 1
- ○ Speed Type 2

Voice Key Selection
- ○ Not used
- ● Short press does nothing, Long press opens NAVI
- ○ Short press does Voice Command, Long press opens NAVI
- ○ Short press does NAVI, Long press does nothing
- ○ HiCar voice function key

Phone Key Selection
- ○ Original vehicle function
- ● Android Bluetooth features
- ○ Undefined

Control Panel
- ● Close
- ○ NTG3.5
- ○ NTG3.0

☐ **Collect CAN Bus Data**
- ○ Can1
- ○ Can2

Steering wheel track selection
- ● Track1
- ○ Track2

☐ **AUX Activate**

■ **Air Conditioner**

DMP CAR DESIGN

Factory Setting
Car Display
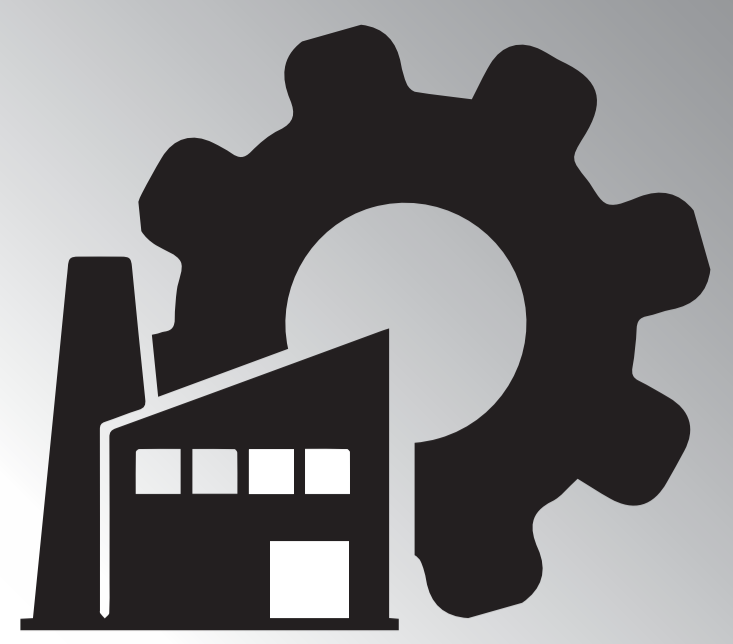
NTG Selection
Select the NTG Version suitable of your car
Please refer to page 14 to check your NTG version

[01]NTG5.5_8.4"
[02]NTG5.5_8.4"(half screen)
[03]NTG5.5/6.0_1920x720(2018~)
[04]NTG5.51920x720_ECE(2018~)
[05]NTG5.0_8.4"
[06]NTG5.0_8.4"(half screen)
[07]NTG5.0_7.0"_8.0"(2016~)
[08]NTG5.0_7.0"_8.0"(2016~)(half screen)
[09]NTG5.5B_8.4"
[10]NTG5.5B_8.4"(half screen)
[11]NTG4.5_400x240_5.8"(2013~2015)
[12]NTG4.5_400x240_5.8"(2013~2015)(halfscreen)
[13]NTG4.5/NTG4.5_800x480_7"(2013~2015)
[14]NTG4.5/NTG4.5_800x480_7"(2013~2015)(half screen)
[15]NTG4.0_5.0"(2008-2010)
[16]NTG4.0_5.0"(2008-2010)(half screen)
[17]NTG4.7_800x480_7.0"(2008-2010)
[18]NTG4.7_800x480_7.0"(2008-2010)(half screen)
[19]NTG3.5_800x480(2010)
[20]NTG3.5_800x480(2010)(half screen)
[21]NTG3.0_800x480
[22]NTG3.0_800x480(half screen)
[23]NTG3.0_JP_800x480
[24]NTG3.0_JP_800x480(half screen)
[25]NTG6.0_1024x600
[26]NTG6.0_1024x600(half screen)
[27]NTG6.0_1920x700
[28]NTG6.0_1920x700(half screen)
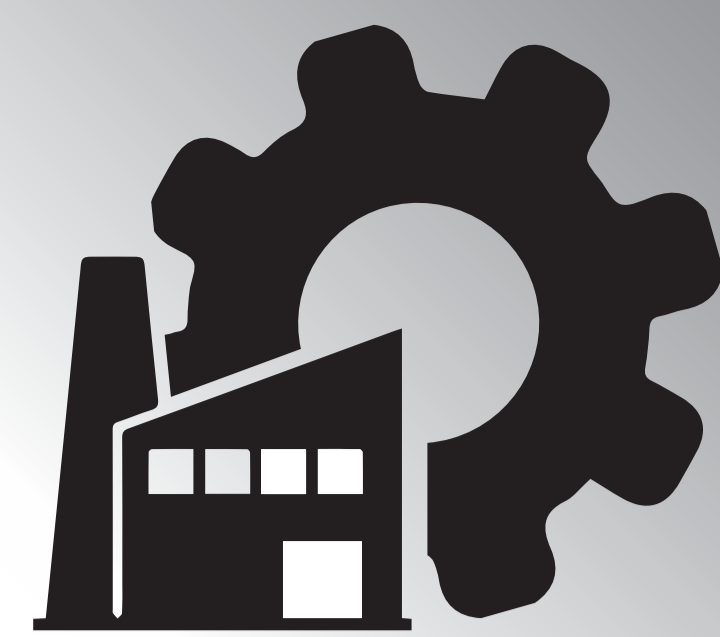
Factory Setting

CAN Protocol

CAN Selection
select your Controller Area Network protocol type

    [0]BC_Protocol_type_5.0C
    [1]BC_Protocol_type_5.0A
    [2]BC_Protocol_type_4.0
    [3]BC_Protocol_type_4.5
    [4]BC_Protocol_type_3.5
    [5]BC_Protocol_type_3.0
    [6]BC_Protocol_type_5.5

Factory Setting

MIC Gain

Adjust microphone gain level

Factory Setting

Reverse exit time c...

Exit according to the original vehicle agreement
Use factory exit time setting

Custom exit time
Set your own prefered exit time

Factory Setting

UI Configuration

UI Selection
choose UI type

UI_NTG5.5
UI_MBUX
UI_NTG5
UI_NTG6_FY
UI_MBUX_2021
UI_MBUX_2021_KSW
UI_MBUX_2021_KSW_V2
UI_NTG6_FY_V2
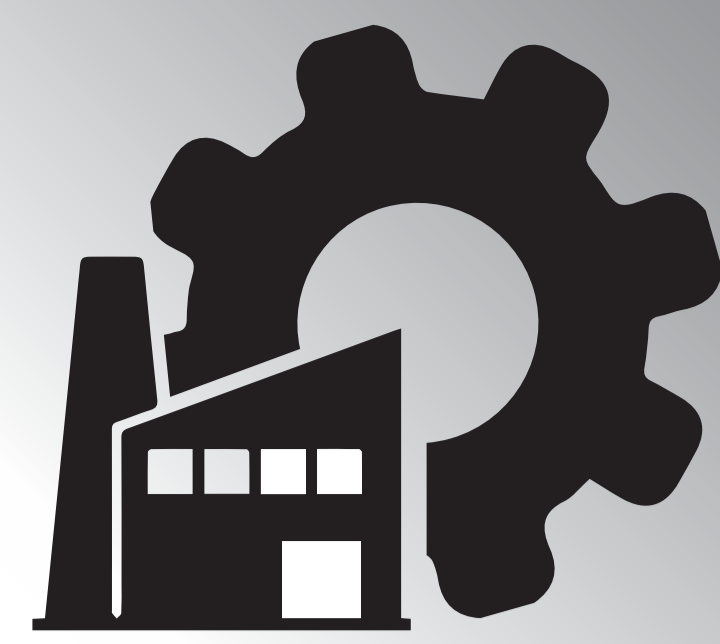
Factory Setting

Profile Import

import factory_config.xml from external storage's OEM folder
import file from factory for system update & bug fixes
Original file:
FY-BC-20221126.en

Factory Setting

Boot Logo
Select and upload boot logo

How to differentiate between Mercedes benz NTG version?

NTG 4.5 / NTG 4.7

CLEAR

Full Chrome Frame

NTG 4.0

C / CLR

chrome

matt black

Round Button

C / CLR

chrome

matt black

C / CLR

chrome

matt black

NTG 5.0 / NTG 5.1

Flat Button

www.dmpcardesign.com
dmpcardesign
www.facebook.com/dmpcardesign

Wiring Diagram

USB 2

White & Red Connector
other sound input
(we normally dont connect this)

FF Camera
Input from front camera

DVR in
you can add video input from
DVR camera with AV output support
to view the Dashcam on the screen

Video in
other sound input

Audio in
audio input

Fiber Optic
OEM From car
(connect this cable
here if your car comes
with this cable for sound)

**Mercedes
NTG Headunit**

**Stock Main
Harness**

Microphone

LVDS in
if your car is NTG 4.5,
just connect the Green Connector that unplug
from the stock screen to this connector,
without needed the LVDS Box

**Speaker
out2**

not use

Audio Out

**Speaker
in2**

Noise Reduction Box

USB AUX

**DMP Android
Display Player**

Rear Camera Input
For aftermarket
backup camera

GPS Antenna

4G Antenna

**Speaker
in1**

**Speaker
out1**

USB
Connect to car
original USB port

AUX DET
(not used)

DVR IR
(not used)

360 Camera
you need this when
you add an aftermarket
360 panoramic camera

DVR power
Connect to LVDS BOX
(Only NTG 4.0 Headunit
need this box)

Camera +12v
(must connect this to power up
the Aftermarket Backup Camera)

Speaker

**USB 1
Carplay**
USB port for android