

What is MirrorLink?

For those of whom want to utilize the best of your phone features with the car stereo, you need to notice the MirrorLink function that car stereos offer. MirrorLink makes it easy to bring the application of your phones to the car dashboard. MirrorLink is a way of 'mirroring' whatever is on your smartphone onto your car stereo display. No matter movies or maps, that all can be achieved with screen mirroring.

Our car stereos use a MirrorLink application called 'EasyConnection'. It is a driving assistant. This App integrates navigation, music, telephone, and other driving functions, you can also add your favorite applications to this App. With the interconnection of EasyConnection App on the navigator, the screen of the mobile phone can be projected onto the navigator screen and can be operated on the navigator screen. Any application can be made to work with MirrorLink, but not all applications should be used while driving. For example, you shouldn't play games or watch a movie while driving.



How does your screen mirror your phone to your car stereo? It is quite easy. Just open the EasyConnection application both on your car stereo and your phone. Then, choose the connect way you want on the car stereo. After connected, the apps will run on your smartphone while will be displayed on the car stereo monitor.

[Customer Review on Pumpkin](#)

AA0412B 10.1" Octa-Core Android 9.0 Infotainment System

I have a new Pumpkin car stereo and I am impressed so far.

The unit is one of the first Android car units, which matches the European 2-DIN size without the need to rework anything. The screen is bright and easy to get it into the right position, the screen mount is really stable and no flutter on bad roads.

The first impression of my new [Pumpkin 10.2" unit AA04121B-D01](#)

Since the weekend I have the new pumpkin here and have it extensively tested on the power supply before I installed it in the car yesterday.

Scope of delivery:

- 2 DIN Unit
- 10.1 inch glossy screen, with metal frame
- Cable set with 2 USB ports
- User manual English/German

Hardware:

- PX5
- 64-bit 8-Core Cortex-A53 1.5GHz
- Android 9, build number 201907251651
- MCU: CSN2_06252B19_163051 (Despite this MCU the device is obviously a KLYDE device)

First impression

I must say, the first impression is very good.

The first start was done after about 20 seconds.

The original launcher is as usual from Pumpkin, as well as the

apps included.

What's new:

1. Additional USB on the front panel
2. 2 micro SD trays on the front panel
3. Volume control knob (illuminated)
4. Knob for App switching (illuminated)
5. App called "Tachograph," a new app for the Dashcam.
6. Caravan, an app that supports rear view camera and front camera and you can switch between both cams.
7. Sync (I don't know what it's for yet)
8. CD player for external CD players
9. An app called "Joykey Study" for certain OEM-Key-Pads, I have to do some research myself...
10. VoiceControl App Looks like an app for Apple friends. The app doesn't work for Android phones (at least not for mine).
11. The Settings menu was cleaned up, also the menu for the "factory settings". Here you don't find the strange menu anymore, but it's neatly arranged. Unfortunately not in German, but I think you can live with that. The PIN for the factory settings is still 126.
12. Display of the battery voltage in the status bar is now possible in the "Personal settings".
13. Also, the settings of the phone can be displayed now. Here you can see the field strength and the battery status at the top of the status bar.

The radio runs very smooth and I was able to install all my needed apps without any problems. Root was possible with the known method without any problems.

The screen is connected to the radio with a flat cable plug, just slide it in and click to fix.

You can turn the screen with a little effort in all directions, but the mounting makes a very stable impression. There is also no clattering.

First Tests:

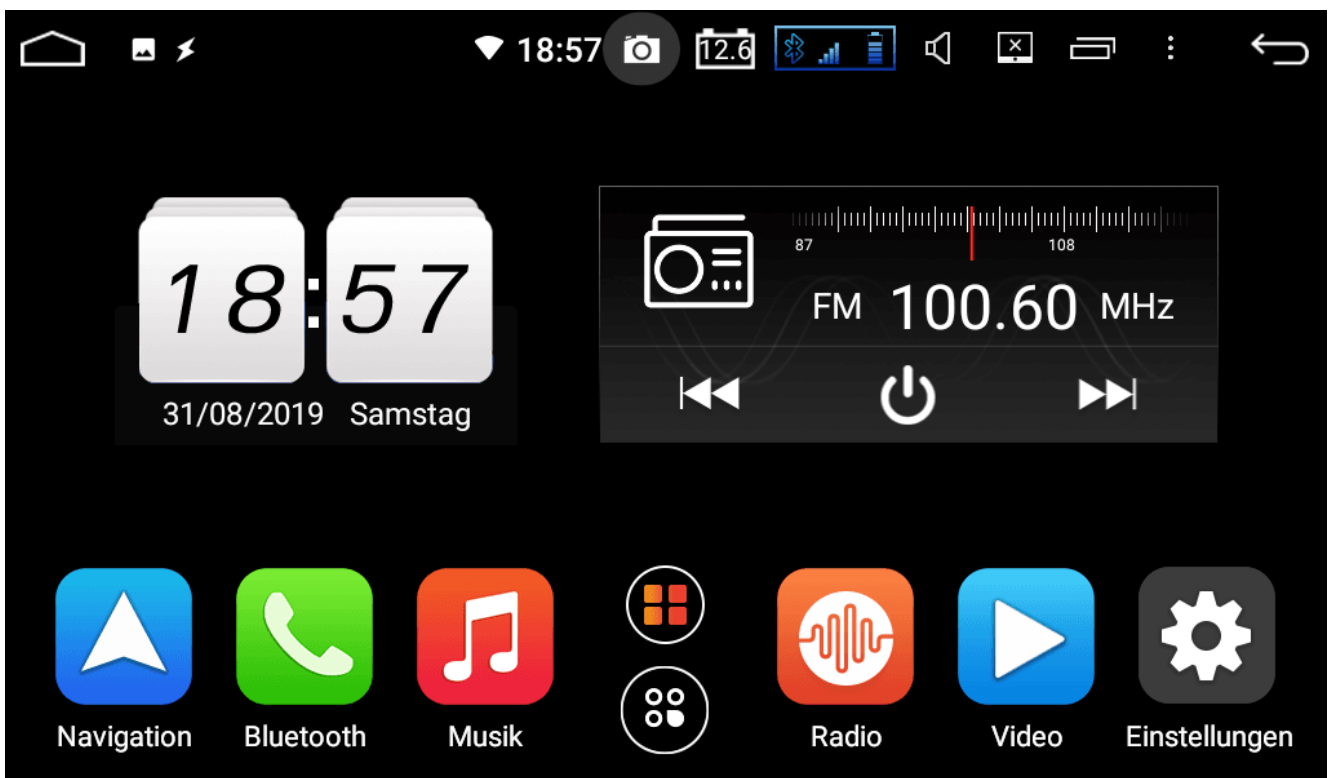
The working temperature is important to me. With active route guidance, DAB+ active in the background, Blitzer.de active, the temperature stays below 60°C... and that without any additional actions such as heat sink installation and fan.

The last 2 weeks on the road in the day and night mode have been as expected. No real bugs were visible.

One thing that needs to be said: If you switch the screen in night mode to the darkest possible brightness, you will find out that the backlight is a bit flickering. This is no big deal, just move the slider one step up. The brightness is the same but without flickering.

Experienced users are able to root the device and afterward to enable the developer menu.

Followed by is the original article.



Seit dem Wochenende habe ich das neue Pumpkin hier und habe es erst einmal ausgiebig am Netzteil getestet, bevor ich das gestern im Auto eingebaut habe. Einen Bericht über meine Testfahrt folgt...

Link zum Radio: [Pumpkin Android 9.0 10.1 Zoll Universal Autoradio Radio IC TEF6686 Octa Core 4+32G Doppelt Din mit GPS Navi](#)

Daten:

- Lieferumfang:
 - 2-DIN-Unit
 - 10,1 Zoll Bildschirm glänzend, mit Metall-Rahmen
 - Kabelsatz mit 2 USB-Anschlüssen
 - Bedienungsanleitung Englisch/Deutsch
- PX5
- 64-Bit 8-Core Cortex-A53 1,5GHz
- Android 9, Build-Nummer 201907251651
- MCU: CSN2_06252B19_163051 (Trotz dieser MCU ist das Gerät offensichtlich ein KLYDE Gerät)

Hier noch einmal der Hinweis auf die MCU:

Es handelt sich um ein PX5, allerdings mit einem neueren Mainboard. Die CSN2-Geräte sind nicht firmware-kompatibel zu den gekannten PX5-Boards, somit entfallen derzeit Custom-Roms.

Erster Eindruck:

Ich muss sagen, der erste Eindruck ist sehr gut.

Der erste Aufstart war nach ca. 20 Sekunden erledigt.

Der Original-Launcher ist wie gewohnt von Pumpkin, ebenso die mitgelieferten Apps.

Was ist neu:

1. Zusätzlicher USB an der Frontblende
2. 2 Mikro-SD-Einschübe an der Front
3. Drehregler für die Lautstärke (beleuchtet)
4. Drehregler für App-Umschaltung (beleuchtet)
5. App namens "Fahrtenschreiber", eine neue App für die Dashcam.
6. Caravan, eine App, die Rückfahr-Kamera und Frontkamera unterstützt und man zwischen beiden Cams umschalten kann.

7. Sync (da weiß ich noch nicht, wofür die da ist)
8. CD-Player für externe CD-Player
9. Eine App namens "Joykey Study" für bestimmte OEM-Key-Pads, da muss ich selber noch forschen...
10. VoiceControl App Sieht mir nach einer App für die Freunde des Apple aus. Für Android-Phones (jedenfalls für meins) funktioniert die App nicht.
11. Das Settings-Menü wurde aufgeräumt, ebenfalls das Menü für die "Werkseinstellungen". Hier gibt es nicht mehr das seltsame Menü, sondern sauber gegliedert. Leider nicht auf Deutsch, aber ich denke damit kann man leben.
12. Anzeige der Batteriespannung in der Statusbar ist jetzt in den "Persönlichen Einstellungen" möglich.
13. Außerdem werden jetzt auch auf Wunsch die Einstellungen vom Telefon angezeigt. Hier sieht man dann die Feldstärke und den Akkuzustand oben in der Statusbar.

Das Radio läuft schon mal sehr flüssig und ich habe alle meine benötigten Apps problemlos installieren können, Root war mit der bekannten Methode über ADB problemlos machbar.



FCC Launcher

16:58

12.0



OFF

NAV

FM

MP3

DAB



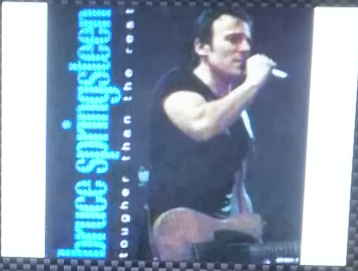
Absolut relax
TOUGHER THAN THE REST - BRUCE SPRINGSTEEN

16:58

Samstag, 7 September

1

km/h



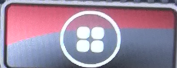
16°

Traffic safety

Home

FX

Settings



Tasker

Skype






Der Bildschirm wird mittels Flachkabel-Stecker am Radio angeschlossen, einfach nur drauf geschoben und rastet ein. Man kann den Bildschirm mit ein wenig Kraftaufwand in allen Richtungen drehen, dabei macht die Halterung einen sehr stabilen Eindruck. Da rappelt auch nichts.

Erste Tests:

- Wichtig für mich ist die Arbeitstemperatur. Mit aktiver Routenführung, DAB+ im Hintergrund aktiv, Blitzer.de aktiv, bleibt die Temp unter 60°C... und das ohne irgendwelche Maßnahmen, wie Kühlermontage und Ventilator.
- Gestern habe ich das Radio dann mal eingebaut. Als Erstes fiel mir auf, dass Pumpkin sich bei diesem Radio endlich mal an die in EUR üblichen Einbaumaße hält. Meine bisherigen Radios benötigten immer Nacharbeit am Einbaurahmen. Ein neuer Rahmen ist somit fällig, weil

der vorhandene Rahmen zu groß nachgearbeitet wurde.

Verbesserungspotential:

- Entwicklermenü ist Passwort geschützt. Das PW hat wohl nicht einmal Pumpkin. Es sei geheim...Aber ich bin dran.

- Das neue Android 9 Design von Pumpkin ist derzeit noch in der Mache. Bin mal gespannt, wann das kommt. Da zeige ich demnächst mal ein paar Bilder zu. Das sieht sehr schick aus.
- An meinem Auto funktionieren die Telefon-Tasten gerade nicht, sie werden von der App nicht erkannt. Ich musste also meine Spracheingabe-Taste umfunktionieren, dass ich über das Lenkrad einen Anruf annehmen und auflegen kann (Doppelbelegung der Tasten geht über long click)

Kaufempfehlung

- Für alle User, die gerne einen großen Screen haben wollen, mit einer stabilen Firmware -> ein uneingeschränktes **JA**
- Für alle User, die lieber ihr Gerät über einen guten Launcher statt überladener Custom-Roms personalisieren wollen -> uneingeschränktes **JA**

Car Radio Doesn't Fit? Factors & How

When a new [automotive radio](#) doesn't work properly, there are one or two of various factors which may be at work. If the new automotive stereo doesn't work as a result of it's the incorrect size, then a automotive radio work kit can

facilitate in sure circumstances. for example, if you got a one DIN automotive radio to switch a 2 DIN automotive radio, then AN installation kit can do the trick. the other sometimes isn't true, though, and work kits will even cause problems in some circumstances wherever some [aftermarket automotive stereos](#) won't work into sure installation kits, and will cause a mussy looking dashboard.



When a replacement car radio doesn't match as a result of Size Matters

Factory car radio are available all kinds of freaky shapes and sizes nowadays, however there are 3 common kind factors for [aftermarket head units](#) that are all supported one DIN commonplace. The DIN commonplace for automobile radios specifies a height of 50mm and a dimension of 180mm, with no mention of depth.

Measured in inches, head units that adapt to the DIN commonplace are roughly 2" tall and 7" wide, despite the very fact that a hundred and eighty metric linear unit really converts to seven.08661 inches. that truly falls somewhere between seven 5/64" and seven 3/32", however there's sometimes enough flexibility that some hundredths of an in. here or there don't matter an excessive amount of.

The other 2 common head unit sizes are taken from the DIN commonplace. the most important is two DIN, that is just 4" tall and 7" wide, then there's the less common one.5 DIN, that is regarding 3" tall and 7" wide.

Just watching those 3 common automobile car radio sizes, it's simple to determine however you'll find yourself with match problems at a awfully basic level. Head units engineered to the two DIN or 0.5 DIN specifications merely won't slot in a

slot meant for a one DIN head unit, and attempting to place a one DIN stereo within the house afforded a two DIN OEM unit can leave an unpleasant, open hole.

Solving automotive Radio match issues With Installation Kits

In most cases, the answer to a replacement automotive radio that doesn't match could be a automotive stereo installation kit. in contrast to aftermarket head units, that are platform agnostic and designed to figure during a wide selection of cars and trucks, every installation kit is purpose-made for a awfully specific vary of makes or models.

The classic use for a automotive radio installation kit is to permit a one DIN aftermarket radio to suit into a touch that came with a a pair of DIN or one.5 DIN manufacturing plant stereo. this sort of kit includes a slot and mounting hardware which will match any one DIN aftermarket radio, whereas conjointly fitting utterly into the dash of the particular create, model, and year of your vehicle. In several cases, this sort of kit also will embody a storage pocket to create use of the additional space.



When a automotive Radio Won't slot in associate Installation Kit

Despite the very fact that aftermarket radios adapt nearly uniformly to one DIN, 1.5 DIN, 2 DIN dimensions, there are circumstances wherever you'll realize that associate aftermarket head unit doesn't truly slot in associate installation kit that it's meant to figure with. this can be typically thanks to the slight distinction between the particular DIN customary, that is measured in millimeters, and

therefore the accepted North American nation customary, that is given in inches since they don't match exactly.

If associate installation kit from one manufacturer doesn't work together with your new head unit, there's a decent likelihood that a kit from a unique manufacturer can. This isn't a very common prevalence, however if the build and model of your automotive is comparatively common or standard, you may usually be ready to depart potential problems by trying out net forum conversations to determine if anyone together with your specific automotive has full-fledged problems with a specific automotive stereo kit manufacturer within the past.

In some cases, it's additionally that aftermarket head unit add associate ill-fitting install kit—or make associate ill-fitting install kit slot in the dash of your car—by shaving off a small little bit of material with a dremel tool, however that goes on top of and on the far side what most of the people are willing to just accept once putting in a replacement automotive radio.

Making Sure That a automotive Radio can work

If you've already bought a replacement automotive radio, and you either can't or simply don't need to come back it, then you're visiting be stuck attempting to seek out a way to form it work. For those that haven't nonetheless force the trigger on a replacement head unit, there are some ways that to form positive that the new radio are a decent work.

In several cases, the simplest way to confirm that a replacement automotive radio goes to suit is to truly live the recent automotive radio. Since most radios are either [one DIN](#), 1.5 DIN, or [2 DIN](#), this is often really pretty simple to simply eyeball. however to form positive, you'll simply pull out a measuring device and check. If it's concerning 2" tall, then it's a one DIN, if it's concerning 3" tall it's a one.5

DIN, and if it's concerning 4" tall it's a two DIN.

If you're shopping for a replacement automotive stereo as a present and don't have access to the vehicle, or if the dash is meant in such some way that it's tough to inform at a look however tall the stereo is, then the safest way to confirm you get the correct size replacement unit is to consult a work guide.

Most automotive stereo retail stores will facilitate your with this, however the knowledge is additionally offered on-line from retailers like Crutchfield and Sonic Electronix. employing a work guide from a estimable on-line merchandiser doesn't need you to truly get from that merchandiser, thus it's a decent way to get an inspiration of what's going to really slot in your automotive no matter wherever you finish up shopping for your new head unit from.
