

# *Frequently asked questions & answers for Mini Arcade DIY kit*

*by*

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Rev.	Date	Description
A	2014-03-23	English translation by Carsten Kunz
B	2015-05-17	Some small corrections

**Q: How is Mini Arcade and Raspberry Pi powered?**

A: It is necessary to have a power net adaptor with output voltage of 12V DC and output current of at least 1A. Power voltage for Raspberry Pi will be generated from that 12V DC by a switching regulator placed at the additional board. Resulting voltage will be carried over 26pin (or 40pin) extension connector to the Raspberry Pi.

**Q: What model of Raspberry Pi is suitable for the DIY kit?**

A: We recommend to us model 2 with 1GB RAM, but any Raspberry Pi model (A, B, A+, B+ and 2) is suitable. Please choose the right kit version for your model.

**Q: Where can I obtain the Arcadie gamedock?**

A: The Zeon Tech Arcadie gamedock is not part of DIY kit delivery. It is necessary to order it seperately. To my knowledge the cheapest source of supply is amazon.uk :

[http://www.amazon.co.uk/Zeon-Tech-Arcadie-Ipad-Mini/dp/B00DDKRBOM/ref=sr\\_1\\_3?ie=UTF8&qid=1395003539&sr=8-3&keywords=arcadie](http://www.amazon.co.uk/Zeon-Tech-Arcadie-Ipad-Mini/dp/B00DDKRBOM/ref=sr_1_3?ie=UTF8&qid=1395003539&sr=8-3&keywords=arcadie)

**Q: Are other Arcadie Gamedocks also suitable?**

A: Zeon Tech supplies several gamedocks for iPhone and iPOD using the brand 'Arcadie'. These gamedocks are much smaller than original Arcadie for iPad Mini and are not suitable for this DIY kit.

**Q: What mechanical dimensions Mini Arcade has inside Arcadie Case?**

A: 26.8 cm x 16.4 cm x 15.8 cm (H x W x D)  
10.6 inch x 6.5 inch x 6.2 inch (H x W x D)

**Q: Is it possible to use DIY kit with own cases?**

A: It is certainly possible to use DIY kit with own cases, in bartops and fullsize Arcade cabinets. Using a DIY Kit including TFT, it is just important that TFT will fit into the case.

**Q: What tools and materials besides the DIY Kit and Arcadie Gamedock are necessary else?**

A:

- Soldering iron (to fix cables at joystick board - additional board is completely assembled and tested yet.)
- small Phillips-tip screwdriver
- small box column drill
- key files

## FAQ for Mini Arcade DIY kit – Rev B

- multifunction rotary tool ('Dremel', not necessarily required)
- label remover spray to remove old labels on Arcadie case.
- double sided adhesive tape to fix Raspberry Pi, additional board and TFT

**Q: What is the size of delivered SD card and what has been installed on it?**

A: It's a 8GB SD card. Modified PiMame under Raspbian with adapted drivers has been installed on it yet.  
So you just have to copy some ROMs on it (for legal reasons we cannot do this for you). To create SD card yourself, you alternatively can download the image from our website.

**Q: Is it possible to use other TFTs?**

A: Generally, all TFTs with HDMI or CVBS input are suitable. Using Arcadie Gamedock case, only TFTs with 5.6 inch diagonal can be used. To make smaller TFTs fitting, it is necessary to use adaptor frames, selfmade by e.g. plastic or plywood.  
In selfmade cases it is certainly possible to connect bigger TFTs to DIY kit, but it is necessary to check if 12V power supply from additional board is matching with power supply needed for selected TFT.

**Q: How can I order stickers with several designs?**

A: Using ordering form, please note in 'comments' box, which design is desired ('PolyPlay' / 'Space Invaders' / 'Pac Man' / 'Missile Command' / 'Donkey Kong'). Without this extra note 'PolyPlay' will be delivered.

**Q: Where can I get appropriate ROMs for MAME emulator?**

A: Please be advised that it is necessary to own rights of use for these ROMs. They will be provided for download on several websites:

<http://www.freeroms.com/mame.htm>  
<http://www.rom-world.com/dl.php?name=MAME>  
[http://www.emuparadise.me/M.A.M.E.\\_-\\_Multiple\\_Arcade\\_Machine\\_Emulator\\_ROMs/7](http://www.emuparadise.me/M.A.M.E._-_Multiple_Arcade_Machine_Emulator_ROMs/7)