
battery powered Monomachine

Posted by joechip - 2011/08/15 19:00

Hi All,

After a bit of research and info provided here at ElektronUsers I have myself a portable Monomachine setup.

Iâ€™m sure others have done this but I've not seen any actual evidence before so posting a pic and some basic info. Iâ€™m using a switchable laptop battery at 6V (5V-19V), rated up to 3.5A. I expect to get at least 5-8 hours. The battery was about \$50.

Prettay, pretty good.

Joe http://elektron-users.com/images/fbfiles/images/Mono_no_PSU.jpg

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Re:battery powered Monomachine

Posted by tIB - 2011/08/15 19:03

Joe, I applaud you! Let us know how the battery life works out.

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Re:battery powered Monomachine

Posted by dataline - 2011/08/15 19:14

That is incredibly cool!!!

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Re:battery powered Monomachine

Posted by neilbaldwin - 2011/08/15 19:59

Total hero!

B)

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Re:battery powered Monomachine

Posted by TrondC - 2011/08/15 20:04

I'm gonna get this too, too cool to miss :)

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Re:battery powered Monomachine

Posted by amc - 2011/08/15 20:08

Hi!

Nice idea!

Please post the exact name of the battery and the parts you used to build this or is it "ready to use".

thnx

andy

=====

Re:battery powered Monomachine

Posted by Vibes - 2011/08/15 20:30

:woohoo:

=====

Re:battery powered Monomachine

Posted by joechip - 2011/08/16 00:13

Hi all,

This is what I got (I'm in Shanghai so easy to get hold of). You can attach a second battery for added backup and very coolly there is also a solar powered version/attachment (shown in the manual).

http://ape-battery.en.alibaba.com/product/408659348-212242667/50W___for_notebook_MP3450D___DIY_type.html

As for usage, I just got back from the pub here in Shanghai. I've left the Mono on with the battery all day and it's still ok, so I'd say my 5-8 hour prediction was a little conservative.

The battery comes with a pack of different adapter attachments and is +tip so requires no modding in anyway. Ready-to-use right away.

If you're a Mac person, it will also charge an iPhone and run the Mono at the same time.

I would imagine this would also be capable of powering the MD/OCT too.

Joe

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Re:battery powered Monomachine

Posted by prscrptn - 2011/08/16 00:14

amc wrote:

Hi!

Nice idea!

Please post the exact name of the battery and the parts you used to build this or is it "ready to use".

thnx

andy

^ awesome, please post details!

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Re:battery powered Monomachine

Posted by darenager - 2011/08/16 01:46

:know: :lvl: :pomo: :happyday: :bonus: :backslap: high5

Awesome!

=====

Re:battery powered Monomachine

Posted by anselmi - 2011/08/16 02:05

genious

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Re:battery powered Monomachine

Posted by futureimage - 2011/08/16 02:47

Aaaah amazing, I've dreamt about this for a while now! Any ideas if this would give enough current to daisy chain both the Mono and MD together? THAT would be something else.

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Re:battery powered Monomachine

Posted by Flo - 2011/08/16 05:50

wow... i wanna one ... and i am on search it seem to be that:

<http://www.all-batteries.fr/batterie-externe-50w-tekkeon-pour-pocket-pc-8-connecteurs-housse-bel5802.html>

<http://www.pixmania.com/fr/fr/1831088/art/mymobilepower/batterie-externe-universe.html>

but not the same price.....

please post a buy link for the better price, what about a group buy???

50 buck and 150 euro are not the same... lucky to be in china....

the battery name is mp3450 apparently, and it's generally distributes by "tekkeon"

i found a toms hardware guide which spoke about it...

<http://www.tomshardware.com/reviews/notebook-battery-external-power-supply,2821.html>

i think any battrie which supple the right current may work???

anyway, brilliant idea man.....

=====

Re:battery powered Monomachine

Posted by Flo - 2011/08/16 06:41

you can see it with it's expansion here:

http://www.tekkeon.com/downloads/dtasht_MP3450.pdf

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Re:battery powered Monomachine

Posted by phading - 2011/08/16 08:10

Great! I had no idea you could get one of those for 50\$! That's really mind blowing.

I always dreamt about having a portable monomachine.. seriously

I would totally buy one for 40â‚¬. Unfortunately I know I won't get one like those here for less than 100â‚¬ :(

=====

Re:battery powered Monomachine

Posted by Indigo333 - 2011/08/16 08:36

@ Phading...The community here is pretty tight, maybe if it was worth it you could pay for the shipping and it will be cheaper? There is always a way...believe

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Re:battery powered Monomachine

Posted by Veets - 2011/08/16 22:03

From the PDF above, this thing can be hooked up to a solar panel?!? LMAO - awesome! Who's going to be the first to write a Mono track on Mt. Everest? Anselmi, you up for a challenge? B)

Edit: wonder if you can run it off of this?

<http://andrewjs.com/solarbikini.html>

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Re:battery powered Monomachine

Posted by binaural - 2011/08/16 22:57

I presume this works only for the MkII?

The MkI power supplies are sold out completely here in Europe. It does concern me, since the MkI only takes a not so usual input...

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Re:battery powered Monomachine

Posted by polyoptics - 2011/08/29 13:31

Did anyone try this yet?

There are a lot of different models of this battery, I'm not sure of the difference between the 3450i and the 3450r2 that are on amazon. I might try though, any advice there?

=====

Re:battery powered Monomachine

Posted by neonleg - 2011/08/29 16:02

excellent idea, i cant find that one for sale anywhere though.

i did find a new longlife dell battery for 86cents though!
and this little unicorn:

http://www.ebay.com.au/itm/130442639647?ssPageName=STRK:MEWNX:IT&_trksid=p3984.m1439.l2649

i'll let you know how it goes with my OT

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Re:battery powered Monomachine

Posted by RobbieNerve - 2011/08/29 17:40

I guess this will work with the octatrack too?

;)

.R

=====

Re:battery powered Monomachine

Posted by neonleg - 2011/08/29 18:27

polyoptics wrote:
Did anyone try this yet?

There are a lot of different models of this battery, I'm not sure of the difference between the 3450i and the 3450r2 that are on amazon. I might try though, any advice there?

no advice, but isn't the MP3450D DIY type the go?

group buy anyone?

=====

Re:battery powered Monomachine

Posted by NWAQ - 2011/08/29 18:30

Flo wrote:
the battery name is mp3450 apparently, and it's generally distributes by "tekkeon"
i found a toms hardware guide which spoke about it...
<http://www.tomshardware.com/reviews/notebook-battery-external-power-supply,2821.html>
i think any battrie which supple the right current may work???
anyway, brilliant idea man.....

Mmm, i guess its all about the right specs indeed, but the fact that it has the right plug included does add to the fun.

What would be the precise specs to look for and are there any pitfalls?

Would it be possible to find the plug seperately?

Looking for EU/NL-tips :)

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Re:battery powered Monomachine

Posted by neonleg - 2011/08/29 19:36

i have a quote for 10 units @ \$99 US each plus postage
from china
group buy?

=====

Re:battery powered Monomachine

Posted by Flo - 2011/08/29 19:51

me i can be interested. but I'm in france... maybe it's a problem... have you think about eventual tax in sus????
anyway for us user they are at 120dolls here
http://cgi.ebay.fr/NEW-Tekkeon-MP3450-R2-myPower-ALL-Rechargeable-Battery-/250878993531?pt=Laptop_Batteries&hash=item3a698da47b#ht_1326wt_1156

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Re:battery powered Monomachine

Posted by neonleg - 2011/08/29 20:06

nice find!
well maybe a group buy will be too expensive with tax and post.
i'll keep looking

Re:battery powered Monomachine

Posted by infection - 2011/09/09 18:30

Maybe Elektron could buy a bunch of these, get their brand on it and sell it through their online shop. Surely there must be a market for it?

Re:battery powered Monomachine

Posted by bauer - 2011/09/09 18:57

i like the idea of being able to go mobile with my elektron boxes. OT on the train - mmmm.

i wonder if there'd be any weird behaviour or possible data problems if you were using it when the battery ran completely down?

Re:battery powered Monomachine

Posted by Amanita - 2011/09/09 19:36

bauer wrote:

i like the idea of being able to go mobile with my elektron boxes. OT on the train - mmmm.

i wonder if there'd be any weird behaviour or possible data problems if you were using it when the battery ran completely down?

Yep - we had a discussion on this sometime back. My point of view was that a battery powered device would need to have a regulated output that was either 6v or off. Mind you i suppose the potential chaos of a failing battery might be interesting.

Re:battery powered Monomachine

Posted by lamond - 2011/09/09 20:04

darenager wrote:

:know: :lvl: :pomo: :happyday: :bonus: :backslap: high5

Awesome!

you can never tell when daren is happy huh

Re:battery powered Monomachine

Posted by Indigo333 - 2011/10/09 08:37

So, I am going with this. Has anyone else used this exact pack and been successful? Peace

http://www.tekkeon.com/downloads/dtasht_MP3450.pdf

Re:battery powered Monomachine

Posted by digital_steve - 2011/10/10 08:09

^ would this even work?

Is the MD AC? I can't remember... in Oz i think we're 240v AC... or DC. I can never remember. Anyway, if you get one indigo then let us (me) know. I'd love one.

=====

Re:battery powered Monomachine

Posted by tjebbe - 2011/10/10 10:08

DOPE battery !!!

could this also work for the OT and MD MKI and MKII?

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Re:battery powered Monomachine

Posted by digital_steve - 2011/10/10 13:27

All the mk2's are the same power supply... right?

if so, then if it works with one then it will work with all the mk2's (and the OT i assume).

Dunno about mk1

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Re:battery powered Monomachine

Posted by PofM - 2011/10/10 23:23

mkI units use an AC supply so laptop batteries will NOT work

(but a diesel generator would if you want to carry that around ;)

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Re:battery powered Monomachine

Posted by ark - 2011/10/11 01:01

The MkII devices expect 6 volts, which is not one of the output options in the Tekkeon. It is possible that the 5V output would work, but you'd have to try it.

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Re:battery powered Monomachine

Posted by joechip - 2011/10/11 18:36

'The MkII devices expect 6 volts, which is not one of the output options in the Tekkeon'

Not correct, it does have 6V.

Apart from the brand, this is the exact battery I use. Been using for a few months now. Train/plane journeys and coffee shops. Totally solid on my MnN mk2.

Joe

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Re:battery powered Monomachine

Posted by neonleg - 2012/02/10 09:58

i can confirm tekkeon 3450i r2 works great with the octatrack
no issues, heaps of battery life too even running headphones for at least 6hrs.

the 3450i is designed to run this sort of equipment, the 3450 not so much - untested as yet but i do have one here,
probably use it to power the 9v roland stuff

thanks to the original poster for the heads up :cheer:

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Re:battery powered Monomachine

Posted by Daim - 2012/04/13 05:01

So has anyone found one for sale in europe?

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Re:battery powered Monomachine

Posted by pixlfiend - 2012/04/13 21:06

did you try charging these with a solar panel type of charger like they sell in outdoor gear shops for chargin your stuff
when out in the backcountry? solar driven music is pretty cool.. i got a solar battery for my QFO once.. i could skrtch all
day in the park and it lasted be about 4 and a half hours into the night..

=====

Re:battery powered Monomachine

Posted by StinkyBeat - 2012/04/15 19:29

^^

Did you notice the tekkeon battery has a dedicated charging port labeled "sunbooster solar charging port"?

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Re:battery powered Monomachine

Posted by de Haan - 2012/05/14 21:13

Anyone who tried this for the OT yet?

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Re:battery powered Monomachine

Posted by PlayRecords - 2012/05/15 02:11

de Haan wrote:

Anyone who tried this for the OT yet?

Yeah if you skip back a page you should see some users.

I'm wondering If anyone found a UK seller too?

L.

Re:battery powered Monomachine

Posted by BirdsInBranches - 2012/05/15 10:25

Also using the 3450i for OT, works great for hours, love the freedom.

I actually have a few now, going to run my live rig off battery. :youmad:

Bought them here (USA), was the cheapest to Australia overall:

http://www.bhphotovideo.com/c/product/618847-REG/Tekkeon_MP3450I_myPower_ALL_Plus_MP3450i.html

Re:battery powered Monomachine

Posted by de Haan - 2012/05/15 18:37

Cool!

Here maybe?

<http://www.ppsrouters.co.uk/tekkeon/tekkeon3450i.htm>

or

<http://www.mobilecadsurveying.co.uk/tekkeon-mypower-all-plus-extended-battery-mp3450-10>

Re:battery powered Monomachine

Posted by guga - 2012/09/11 18:27

this is awesome! I've been looking for such a thing a long time...I had found something that needed a car battery to work (it actually converted the 12v to 220v) but never got to buy it/try it out.

this is a way much better solution. one could make a gig in the park with something like this and there won't be the hassle of the car battery :)

Re:battery powered Monomachine

Posted by mbleming - 2012/12/15 00:06

Soooo, anyone brave enough to try the Tekkeon battery with their new A4??? I've been wary, though it looks like the battery can handle it...would just need to flip some of those DIP switches for 12V? I love using my Elektrons through my car speakers at work during lunch break...best Elektron accessory ever

Re:battery powered Monomachine

Posted by ElectronicFur - 2013/06/08 07:03

Sooo, can anyone report success battery powering their A4?

Re:battery powered Monomachine

Posted by mbleming - 2013/06/08 11:21

I couldn't resist, so I tried it shortly after I got my A4...works perfectly. All you've gotta do is change the little jumper switches on the back to 12v and you're good to go. I use one battery between the A4, Md and Ot, so I've got to remember to change the switches depending on what I'm using. I bring my Elektrons to work regularly for use at lunch. Battery power is such a huge plus for me...gear that can be powered via battery gets on ton more use, both at home on the couch and at work during lunch. Essential!

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Re:battery powered Monomachine

Posted by ElectronicFur - 2013/06/09 06:43

Thanks, that's good news. Now I just need to find a cheap place to buy one in the UK

=====

TEKKEON 3450i still the battery to buy?

Posted by zfigz - 2013/07/29 01:03

I'm looking into getting a battery for my monomachine and wanted to see if the TEKKEON 3450i was still the one to get. Are there any others out there that might be better etc?

I'm mostly looking to use it to get out of the house and jam in the park.

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Re:battery powered Monomachine

Posted by zfigz - 2013/07/30 00:31

So, 12v setting for A4 and 6v for MnM/OT/MD?

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Re:battery powered Monomachine

Posted by moxlust - 2013/07/30 02:25

if you're in the US:

http://www.bhphotovideo.com/c/product/618847-REG/tekkeon_mp3450i_mypower_all_plus_mp3450i.html

they might ship overseas as well.

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Re:battery powered Monomachine

Posted by zfigz - 2013/07/30 03:55

Thanks, but i got a lightly used one for \$50.

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Re:battery powered Monomachine

Posted by Ether - 2013/07/30 18:34

Could the Tekkeon power an MD and a MiniCommand at the same time?

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Re:battery powered Monomachine

Posted by StinkyBeat - 2013/07/30 23:26

zfigz wrote:

Thanks, but i got a lightly used one for \$50.

Deal! :huh:

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Re:battery powered Monomachine

Posted by Flo - 2013/07/31 00:17

i had mine for 19 euros used on ebay... And it last something like 8 hours with my md. You have an usb powered port in plus of the power port, so you can power a second usb powered device... (personaly i want a basstation 2 just for that.....

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Re:battery powered Monomachine

Posted by zfigz - 2013/07/31 02:50

Btw, does anyone know what voltage settings to use for each elektron, is it the 12v setting for A4 and 6v for MnM/OT/MD?

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Re:battery powered Monomachine

Posted by mbleming - 2013/07/31 07:30

Yep, I've had one of these for awhile and I couldn't live without it...I bring an Elektron to work everyday. 12v for the A4 and 6v for the Mmn/MD/OT...

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Re:battery powered Monomachine

Posted by zfigz - 2013/07/31 07:54

mbleming wrote:

Yep, I've had one of these for awhile and I couldn't live without it...I bring an Elektron to work everyday. 12v for the A4 and 6v for the Mmn/MD/OT...

Awesome, thanks for the info.

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