

Tekkeon

TekCharge™

DUAL PORT EMERGENCY CHARGER

MP1860A User Guide



Made for



iPod



iPhone



iPad

USER GUIDE

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Overview

TekCharge™ MP1860A is a dual port emergency charger with two outputs to simultaneously charge and power your iPad™, iPhone®, iPod® nano or iPod® touch, and a second small portable device. By taking advantage of the TekCharge MP1860A rechargeable lithium ion battery, you can enjoy hours of extended play time on your battery-hungry devices, like iPad, iPhone, iPod, mobile phones, smart phones, PDAs, portable routers, micro projectors, pocket video cameras, GPS, digital cameras, MP3 players, and Bluetooth® headsets. As an added bonus, TekCharge MP1860A includes a flashlight so you have emergency light at your fingertips.

TekCharge MP1860A connects to your device in three ways: you can connect to your iPad, iPhone, iPod nano or iPod touch using the included 30-pin USB cable, or you can use your own USB device cable, or an adapter tip to connect to your device. Your TekCharge MP1860A includes a 30-pin USB cable for connection of your iPad, iPhone, or iPod, and Mini USB and Micro USB adapter tips for connection to current models of BlackBerry®, HTC, LG, Motorola, and Samsung mobile phones. These USB adapter tips also can be used to charge your Kindle2, Nook, MP3 players, PDAs, portable media players and other 5V devices that use a Micro or Mini USB cable to charge. If the extra adapter tip you need isn't in the package, just go to www.tektron.com or call us at 888-787-5888 or 714-832-1266 to order more adapter tips for a nominal fee.

Getting Started

Unpacking TekCharge MP1860A

Your TekCharge MP1860A package includes the following:

User guide (not shown)

Registration card (not shown)



TekCharge MP1860A



myCharger USB power adapter



30-pin USB cable



Retractable input/output USB cable



Micro USB

Mini USB

*Adapter tips for BlackBerry,[®]
Motorola & More*



Adapter tip tote

Getting to Know TekCharge MP1860A

Power Switch

Powers USB port, and turns on the flashlight.

Output Port (5V OUT)

For charging and syncing your iPad, iPhone or iPod, or charging other 5V devices.

Capacity Indicator

Color indicates the battery capacity of the rechargeable battery.

Output Port (5V OUT)

For charging and syncing your iPad, iPhone or iPod, or charging other 5V devices.

Mini USB Port (5V IN)

For connection to USB port on a computer or power adapter to charge the rechargeable battery.



Emergency
Flashlight

Using TekCharge MP1860A

TekCharge MP1860A can be used to power or charge any portable device that requires 5V. If your device has a DC jack with center negative polarity, do not power the device with TekCharge as it does not support center negative polarity.



Center Negative



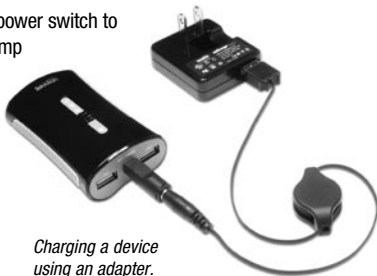
Center Positive

TekCharge MP1860A can be used to power two devices at once by connecting one device to each output port. However, the output current for both ports is limited to a total of 2.5A. If this current is exceeded, TekCharge MP1860A will shut down to protect itself from overloading.

Charging TekCharge MP1860A

TekCharge MP1860A should be charged when initially removed from the package, or when the capacity indicator lamp turns orange to indicate that the battery has less than 20% capacity. As an option, you can simultaneously charge both TekCharge MP1860A and the connected device.

1. Plug the included Mini USB adapter tip into the retractable input/output cord.
2. Insert the Mini USB plug into the Mini USB port (5V IN).
3. Connect the USB plug on the opposite end of the input/output cord into a USB port on your computer or into the included USB power adapter (and connect to a wall socket).
4. To charge only TekCharge MP1860A, slide the power switch to OFF. If the battery level is less than 80%, the lamp will be orange. When the battery is more than 80% charged, the lamp will change to blue. The battery will be fully charged after five hours if charged with the included USB power adapter, or after 10 hours if charged with your computer USB port.



Charging a device using an adapter.

Or

To charge both TekCharge MP1860A and the connected device, slide the power switch to ON. TekCharge MP1860A will be charged first, and will in turn charge the connected device(s). This connection will work only for devices that charge slower than the input power (1A). If the connected device draws more power than the input power, TekCharge MP1860A will be depleted at some point.

5. When the battery is fully charged, unplug the input/output cord from both TekCharge MP1860A and the computer or power adapter.

Viewing the Power Capacity

Charging

When TekCharge MP1860A is being charged, the capacity indicator lamp will light to indicate the amount of power in the battery:

Orange: 0% - 80% capacity

Blue: 80% - 100% capacity

Discharging

When TekCharge MP1860A is connected to and charging a device, or when the power switch is ON and TekCharge MP1860A is not connected to a device, the capacity indicator lamp will be constantly lit to indicate the amount of power remaining in the battery:

Blue: 20% - 100% capacity

Orange: 0% - 20% capacity

Charging your iPad, iPhone or iPod Using the 30-Pin USB Cable

1. Insert the USB plug on the 30-pin cable into one of the output ports on TekCharge MP1860A.
2. Connect the 30-pin connector into the dock connector on your iPad, iPhone or iPod.
3. Slide the MP1860A power switch to ON to provide power through the USB port.
4. Turn on your iPad, iPhone, or iPod and use it as you would normally. While connected, TekCharge MP1860A will power and/or charge your device.

Or

Leave your iPad, iPhone or iPod turned off and TekCharge MP1860A will charge the device battery.

5. When finished, unplug the USB cable from TekCharge and your iPad, iPhone or iPod.

TIP: You can use the emergency flashlight while charging your iPad, iPhone or iPod.

NOTE: You can sync your iPad, iPhone or iPod while it is connected to an output port, and TekCharge MP1860A is connected to your computer with a USB/Mini USB data cable (not provided).



*Charging iPad using
the 30-pin USB cable.*

Charging a Device Using Your Device USB Cable

You can use your own device USB cable to connect to your device. However, for devices with Mini or Micro USB power ports, it is highly recommended that the included Mini or Micro USB adapter tips with retractable cable are used in place of the device USB cable.

1. Insert the USB plug on the device cable into one of the output ports on TekCharge MP1860A.
2. Connect the opposite end of the USB cable into the power jack on your portable device.
3. Slide the TekCharge MP1860A power switch to ON to provide power through the USB port.
4. Turn on the portable device and use it as you would normally. While connected, TekCharge MP1860A will power and/or charge your device.

Or

Leave the portable device turned off and TekCharge MP1860A will charge the device battery.

5. When finished, unplug the USB cable from TekCharge MP1860A and your device.

TIP: You can use the emergency flashlight while charging your iPad, iPhone or iPod.



*Charging a device
using its USB cable.*

Charging a Device Using an Adapter

1. Select the adapter tip that fits securely into the power jack on your portable device and plug it into the retractable input/output cord.
2. Insert the USB plug on the input/output cord into one of the output ports on the end of TekCharge MP1860A.
3. Connect the adapter plug into the power jack on your portable device.
4. Slide the TekCharge MP1860A power switch to ON to provide power through the USB port.
5. Turn on the portable device and use it as you would normally. While connected, TekCharge MP1860A will power and/or charge your device.



Charging a device using an adapter.

Or

Leave the portable device turned off and TekCharge MP1860A will charge the device battery.

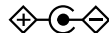
6. When finished, slide the power switch to OFF and unplug the power output cord from TekCharge MP1860A and your device.

NOTE: If none of the included adapter tips fits snugly into your portable device power jack, please go to our web site at www.tekkeon.com/MP1860Adapters to determine which adapter plug you need for your device. You can obtain most adapters through the web site, or by contacting Tekkeon by phone at **888-787-5888** or **714-832-1266**. If available through Tekkeon, the adapter will be sent to you for a nominal fee.

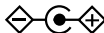
Troubleshooting

If TekCharge MP1860A does not power your portable device or charge the device battery, take these steps:

1. Check that the input/output cord is connected to both TekCharge and the portable device, and that the adapter plug fits snugly into the power jack on your portable device. If not, try another adapter tip.
2. If connecting TekCharge to a device with a DC jack, verify that the polarity of the device power jack is center positive. If the polarity is center negative, do not power the device with TekCharge as it does not support center negative.
3. Verify that a battery is installed in the portable device as some devices will not function without a battery installed.
4. Determine if your device is designed with charging circuitry that limits the input voltage. If so, TekCharge MP1860A may not be able to power or charge the device. (For example, if a device is designed to accept only a 4.2V input, then TekCharge MP1860A may not be able to power or charge the device.)



Center Negative



Center Positive

If your iPad, iPhone or iPod does not sync while TekCharge MP1860A is connected to a computer:

1. Ensure that TekCharge MP1860A is connected to your computer using a USB/Mini USB data cable.

If TekCharge MP1860A shuts down for five seconds to five minutes after you connect a device (or two devices at the same time):

1. Connect TekCharge MP1860A to the included USB power adapter or to your computer.
2. Check the power capacity on TekCharge MP1860A. If the battery is empty or too low, recharge the battery.
3. If the TekCharge MP1860A capacity indicator is blue, check the connected device (or devices) to ensure the total output current does not exceed 2.5A.

Limited Warranty

The product enclosed herein is warranted to be free of operational defects for a period of one year from the date of purchase from a Tekkeon authorized reseller. In the event of a defect in operation during the warranty period Tekkeon, Inc. will replace the defective product when the owner returns all product contents. The limited warranty will be considered void if the unit is tampered with, subject to misuse, negligence or accidental damage, has been improperly serviced, or if the security seal is removed. This warranty is limited to replacement only and shall not cover any other damages. Any product returned to Tekkeon, Inc. with no fault found will be returned to the owner at the owner's expense.

To obtain warranty coverage, please complete and submit the enclosed registration card.

Disclaimer of Warranties

Any user of this product does so at the user's own risk. To the maximum extent permitted by applicable law, Tekkeon, Inc. and its suppliers provide the hardware and any support services related thereto "as is" and with all faults; and hereby disclaim all warranties and conditions, whether express, implied or statutory, including, but not limited to implied warranties of merchantability, fitness for a particular purpose, non-infringement, lack of negligence or correspondence to description, except for those warranties specifically and expressly provided in the Limited Warranty.

With respect to the use of this product, in no event shall the company be liable for any loss of profit or any other commercial damage, including but not limited to special, incidental, consequential and other damages.

Customer Support

Customer support for TekCharge is available at:

Tekkeon, Inc.

c/o TekCharge MP1860A

30 Mauchly, Suite A

Irvine, CA 92618

888-787-5888 / 714-832-1266

www.tekkeon.com

Tekkeon, Inc. must issue a Return Merchandise Authorization (RMA) number for all exchanges or refunds.



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