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TURCK

PD20 Third Party Accessories

Guide

Connecting Your Smartphone to the PD20

The PD20 handheld reader was designed to work with smart devices of many shapes and sizes. This means that if you change phones—or want to use a phone for some tasks and a tablet for others—the PD20 simply and easily switches from device to device.

The PD20 comes with a Silicone Retention Strap that allows you to attach most devices without the need to take that device out of its case or attach it permanently to the PD20. When used with the band at the top of the smart device (closest to the “T” portion of the PD20), this method of attachment allows you to see the entire screen and will hold the device in place for many use cases.

If you want to dedicate a smart device to the PD20, have a standard smart device that is deployed throughout your organization, or want something that attaches the smart device more closely to the PD20, you might be interested in some of these third party attachment options.



Silicone Retention Strap

PD20 Third Party Accessories

There are a number of third party accessories available for use with your PD20 reader. These accessories fall into three categories:



[Mounting Devices](#)

Provide different options for attaching your smart device to the PD20.



[Audio Extension Cables](#)

Make it easier to use tablets with your PD20 or to separate your PD20 from your smart device.



[Charging Indicator Cables](#)

Make it easier to use tablets with your PD20 or to separate your PD20 from your smart device.

Smartphone and Tablet Holders



[Velcro®](#)

You can attach your smart device to the PD20 using standard Velcro strips. Velcro works particularly well for attaching the PD20 to tablets.

Pros:

- Your device won't separate from the PD20
- Inexpensive
- Works universally with devices of different sizes.

Con:

- Velcro on your smart device or smart device case

Note: When using Velcro, we recommend attaching the "hook" side to the PD20.



Quad Lock®

We use two parts of the Quad Lock mounting system:

1. The [female part](#) goes on your smart device. (You can also use this case for an [iPhone 6](#).)
2. The [male part](#) mounts on the PD20.

Pros:

- Holds the smart device very well
- Easy to connect/disconnect your smart device
- Inexpensive

Con:

- The female universal adapter has to stay mounted to your smart device (or you have to use the iPhone 6 Quad Lock case).



Mechanical Holder - RAM® Mounts

There are several models of the Ram Mount that will cradle smart phones and a variety of tablets. RAM Mounts are available for [phones](#), [7" tablets](#), [10" tablets](#), and [12" tablets](#).

Pros:

- Holds the smartphone very well
- Looks good
- Inexpensive

Con:

- Mechanical components could wear over time

Note: You can affix the Ram Mount to the PD20 with Velcro or several rubber bands (PD20 can supply additional silicone retention straps).

Smartphone Holders



[Nathan™ SonicMount Elastomer](#)

The Nathan SonicMount elastomer stretches to hold a variety of devices. To attach it to the PD20, pull the elastomer/ phone grip off the armband and slide the clips over the PD20 rubber band (placed in the middle of the handle):

Pros:

- Fits various size smart phones
- Nothing to attach to your smartphone
- Smart phones can be switched quickly
- Relatively inexpensive



[Spider Grip](#)

Wrap-around spider grips hold your smartphone to the PD20 with multiple “legs.”

Pros:

- Works with lots of smart phones
- Holds smart phones well
- Inexpensive

Con:

- Looks a little funky

Audio Extension Cables

For tablets and other smart devices, you will need an audio extension cable to your PD20. Make sure it has these characteristics:

- 3.5 mm
- Male to female
- Speaker/mic cable, also known as TRRS or 4-pole (a TRS or 3-pole cable doesn't support a microphone and won't work with the PD20).



Short Cable

- To connect with regular sized tablets such as an iPad or Samsung Galaxy tablet, we recommend a 4" cable. This is an example of a short cable that will work with the PD20 and most tablets.



Long Cable

The PD20 supports any length audio extension cable. This is an example of a 3' cable if you need a longer connection to your Grokker.

Charging Indicator Cables

Each of these charging cables has an indicator light that glows red while charging and glows blue when your Grokker is fully charged.



LED Micro USB 2.0 Cable


- FosPower LED micro USB charging cable to sync and charge your Micro USB equipped device simultaneously with this cable.
- Glow breathing smart LED technology, that switches between green, red, and blue based on charging status. All Quick Charge versions including QC 3.0 are supported for optimal charge rates.
- 1,000+ connector endurance keeps the cable working for a long time. Heat resistance of up to 140°F/60°C prevents melted cables.
- 4,000+ bend lifespan ensures a lasting cable, with 6.6lbs of stretch load is supported with this durable cable.



Smart LED Cable

- Durable braided fabric jacket design for preventing from breaking or tearing. Flexible to be coiled for portable carrying without getting tangled
- Built in smart led technology: smart led light indicates the battery status by glowing red when charging and blue once the battery is fully charged. it also helps in locating the cable in the dark or at night.
- Micro USB 2.0 support, swift charging and sync data, with speed being up to 480-Mbps/2.4 amp.

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