

Measurement Partner Field App Quick Guide



To Connect an Analyzer to MP Field App You will Need:

- Hand-held Analyzer Type 2250, Type 2250-L or Type 2270
- USB Wi-Fi Dongle UL-1050 (preferred)*
- Smartphone (iOS or Android™)
- A PC with connection to the Internet

Summary of Things to Do:

- 1) Register for a Brüel & Kjær account or log in if you already have one and sign in to MP Cloud
- 2) Pair your analyzer with your account
- 3) Set up your smartphone
- 4) Wirelessly connect your analyzer to your smartphone
- 5) Measure and annotate
- 6) Merge your annotations with Measurement Partner Suite (MPS)

* Or CF WLAN Card UL-1019 or Ethernet CF Card UL-1016 (G1–3). See analyzer user manual (BE 1713 or BE 1766) for additional setup information.



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1 Register (or Log in) and Sign in to MP Cloud

- 1) Download and install the latest version of Measurement Partner Suite BZ-5503:
 - If MPS is already installed, click . If the software is out of date, click the **Download** button.
 - To install MPS for the first time, please visit www.bksv.com and navigate to **Service > User Support > Downloads > 2270/2250 Software > Measurement Partner Suite BZ-5503** and follow the on-screen instructions.
- 2) Open MPS, click **Get started with MP Cloud** on the Introduction screen and follow the on-screen instructions. (Click **Sign in** if you already have an account.)
- 3) When you have confirmed your account details and accepted the terms and conditions, you can exit your browser and return to MPS.
- 4) Back in MPS, click **Sign in to MP Cloud** and follow the on-screen instructions.
- 5) Connect to the MP Cloud archives you want to access.

2 Pair the Analyzer with MP Cloud

- 1) Connect the analyzer directly to the PC using Mini USB Cable AO-1494 (G1–3) or Micro USB Cable AO-1494 (G4) (or LAN or WLAN connection; see MPS Online Help or analyzer's user manual for more information). Ensure that the analyzer is using software version 4.5 or later (see MPS Online Help for more information).
- 2) Right-click the analyzer's serial number in the DEVICES node (the analyzer's serial number can be found directly above the lower tripod mounting thread).
- 3) Click **Pair Instrument with Cloud Account**. When your analyzer is paired, a confirmation window will pop up.
- 4) Click **OK**.

3 Set Up Your Smartphone

- 1) Download and install the latest version of Measurement Partner Field App from App StoreSM for iOS or Google PlayTM for AndroidTM.[†]
- 2) Open MP Field App and log in to your MP Cloud account by tapping:
 - **Log in to MP Cloud** and following the on-screen instructions or
 - **Log in to MP Cloud** and following the on-screen instructionsThe **Cloud** icon changes to when connected to MP Cloud.

† QR code for iOS



QR code for Android™



Hint: You may need to zoom in to use the QR codes on screen.

4 Connect the Analyzer to the Smartphone

Using a Smartphone Hotspot

Smartphone:

- 1) Create a personal hotspot (consult your smartphone help for instructions).

Analyzer:

- 2) Switch on the analyzer.
- 3) Plug in Wi-Fi Dongle UL-1050 (preferred).
- 4) Tap **Main Menu** > **Preferences > Network** and set:
 - **Set IP Address to Automatically**.
 - **Available Networks** to the hotspot you set up.Ensure that **Preferences > Remote Access > Web Server** is set to **Enabled**.

Smartphone:

- 5) Tap to open the Instruments screen.
- 6) Tap your analyzer's serial number to connect, then tap **Done**.

Please note: For subsequent uses, MP Field App will recognize your analyzer and connect automatically. However, the smartphone may assign a different IP address to the analyzer. If so, repeat steps 5 and 6.

If the analyzer is not on the Instrument list, tap and enter the analyzer's IP address (found on the analyzer at

Main Menu > **Preferences > Network > IP Address**).

5 Measure and Annotate

Analyzer:

- 1) Set up your analyzer as you normally would for the type of measurement you want to make.

Smartphone:

- 2) On the Measurement screen ()¹, tap to open and close the Measurement Control Panel.

- 3) Use the **Start** (and **Pause**),

Reset and **Save** icons as you normally would when using the analyzer. While measuring, the instantaneous LAF is displayed.

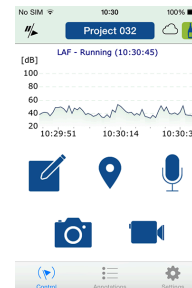
- 4) Annotate your measurement using the

Note , **GPS** , **Commentary** ,

Camera and **Video** icons.

The measurement is stored on your analyzer and will upload the data according to how you have set up the analyzer (see the analyzer's user manual, Chapters 6 and 7, for more information).

Annotations made using MP Field App must be uploaded from your smartphone and merged with MPS.



6 Merge Your Annotations

To merge the annotations in the field, via MP Cloud:

MP Field App:

- 1) Either tap or wait for automatic synchronization to take place.

Please note:

- During automatic synchronization the icon changes to .
- Annotations will remain in the annotation list until they have been merged with their corresponding data using MPS
- Automatic synchronization of annotations is enabled by default but can be disabled by changing **Settings > Sync automatically**

Back in the Office in MPS:

(The user in the office must be signed in to the same MP Cloud account and the target archive must be connected and linked to MP Cloud)

- 2) Click to begin synchronizing. The Merge Annotations dialog will open.
- 3) Complete the Merge Annotations dialog:
 - Confirm their default destinations (check the Merge checkbox)
 - Browse to a different project in MPS (click or right-click the annotation and select **Browse**)
 - Navigate to a folder on your computer (right-click the annotation and click **Move to folder**)
 - Delete (right-click the annotation and click **Delete**)Click the **OK** button to confirm your choices.