

# GETTING STARTED

## with Installation Tool for MULTITERM Pro wM-Bus

- Plug-in tool for MULTITERM Pro's standard software
- Used in connection with Radio Link systems
- Runs MULTITERM Pro G2 and G3 with wM-Bus
- Pairing of meter with repeater
- Connection of meter to selected MUC.



For further information, please see [www.kamstrup.com](http://www.kamstrup.com)

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**1 Find a meter**

Press the screen or use the shortcut keys.

A scan takes approx. 60 sec., but can however be stopped by clicking again or selecting a unit in the file.

Start/stop searching.

A search filter can be added to unit and serial number.

You can search for **Link quality**, **Serial no.** or **Type**.

All registered devices – meters, repeaters and concentrators – are shown in the display depending on the chosen filters.

By pressing A on the keyboard, the amount of information in the display is extended

... and this screen appears.

Devices:

- MUC/concentrator
- Hand-held terminal
- Repeater
- The selected meter

The bar indicates if the search is ongoing or complete.

**2 Find a repeater**

Press the screen once, and the link qualities between all units are shown.

Green = OK

Yellow = Possible to use, but not recommended for permanent installations

Red = Signal measurable, but too poor to use

Press the repeater on the screen, ...

... and this screen appears.

Start scan to search for repeaters.

As the range from a hand-held terminal to a non-installed (turned on) repeater is only a few meters, it is important that the repeater is installed (turned on) before the physical mounting!

**3 Pair with repeater**

You can search by serial no.

Devices are listed according to link quality.

Indication of available "places" in the repeater. An empty repeater has room for 5 meters. A comment about the location can be added to the repeater.

Select the repeater that you wish to pair with the meter.

Press **Activate** to pair the meter with the repeater.

The meter and the repeater have been paired.

Note that \* has been added to the column **Paired**, and that **Free** has been reduced to 4 devices.

**Install new repeater**

The first time a repeater is used, it must be installed. It is possible to enter an **Installation text**, e.g. describing the location of the repeater. This text cannot be changed, before the repeater is reset again.

When the repeater has been installed, the battery consumption starts.

## Cancel a pairing

User1 - 25.11.2012 16:04  
**Select Repeater**  
 Selected meter: 63100598

**Start scan**

48442557

LQ	Paired	Free	Serial number
✓	✗	4	48442557

Info: West Road 52

**Remove** **Back**

Select the line with the relevant meter, and press **Remove** to cancel a pairing.

The cancellation is ongoing, and a bar shows the status.

User1 - 25.11.2012 16:05  
**Select Repeater**  
 Selected meter: 63100598

**Start scan**

48442557

LQ	Paired	Free	Serial number

Info: West Road 52

**Remove** **Back**

User1 - 25.11.2012 16:06  
**Select Repeater**  
 Selected meter: 63100598

**Start scan**

48442557

LQ	Paired	Free	Serial number
✓		5	48442557

Info:

**Remove** **Back**

The pairing is cancelled, and again there are 5 available places in the repeater.

## Repeater in focus

User1 - 27.05.2013 14:52  
**Valgt repeater 48558784**  
 Installation text: West Road 52

Free slots: 4  
 Network ID: 0  
 dBm: -31

**Reset** **Link overview**

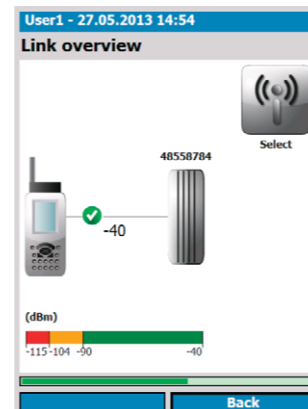
Paired meters

LQ	dBm from repea...	Meter number
✓	-47	63100598

**Remove** **Back**

Select a repeater under **Devices within reach**

Press **Link overview**, and the connections are shown in the display stating the link quality



User1 - 27.05.2013 14:56  
**Valgt repeater 48558784**  
 Installation text: West Road 52

**Warning**

Are you sure that you want to reset repeater: 48558784?

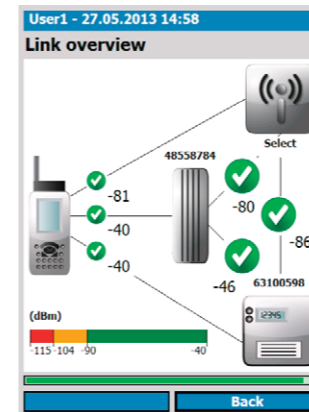
**Yes** **No**

LQ	dBm from repea...	Meter number
✓	-47	63100598

**Remove** **Back**

Reset the repeater, and the signal strength is reduced to transport level. Installed meters are removed.

## MUC/concentrator



Press the concentrator to see a list of options.

Select concentrator/MUC to see it in the link overview.

User1 - 27.05.2013 14:59  
**Select concentrator/MUC**  
 Selected meter: 63100598

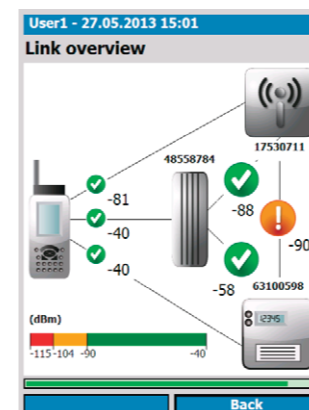
**Start scan**

Enter search text...

LQ	Serial number	Installation t...
✓	17859516	MUC: 64508...
✓	17530711	MUC: 64508...
✓	00000000	MUC: 64500...
!	64054648	Test Installa...
!	00000000	MUC: 68500...
!	64051293	Test Installa...

Info:

**Select** **Back**



The link quality of the selected concentrator/MUC is now shown

## Keyboard overview

