APPLICATION NOTE



MPQ2000 operation with a wireless bridge

Initial Configuration

- 1. Connect the Ethernet Bridge to MPQ2000 unit
- 2. Wait about 2 minutes for the bridge to assign the MPQ2000 an IP

address

3. Open the HELP Screen and view the IP address.



If the IP address reads 0.0.0.0 then wait another couple minutes, close the HELP screen and re-open the help screen. Verify an IP address has been assigned.

Application: 1.0.5.0
Operating System: 1.0.0.10
Firmware: 1.106
TX25Startup: 1.0.2.2
Available memory: 100.00%
Model: MPQ-2000
Hardware: E05
Serial #: 10110715
Calibration: 11/10/2015
IP Address: 169.254.219.157
Do you want to perform update?
Update Exit

- 4. Connect the PC to the same network the bridge is on.
- 5. Disconnect the PC from any other networks.
- 6. In the PC software, select CONFIG then COMMUNICATIONS.



APPLICATION NOTE



MPQ2000 operation with a wireless bridge

7. In the communications window select USE NETWORK COMMUNICATIONS. Click OK to close

	Communications	×				
	Port Information					
	Ethernet Communications Image: Use Network Communications TCP Port 30685					
the window.	OK Cancel Help					

8. In the PC software select CONFIG then ETHERNET LOCATIONS

File	Config	Mode	Analyzer	Chart	Report	View	Window	Help
	Commur	nications	i					
File Directories					Ve	rify		
	Event Lo	g		le	le Download Data		Conr	ection
	Ethernet	Locatio	ns	H				
	New Ana	alyzer Se	tup					
	Edit Ana	lyzer Set	tup					6

9. In the Ethernet Directory Database window select SEARCH. The software will now search the

network and display all MPQ units.

	Ethe	ernet Directory Da	atabase	
Name 00:04:A3:93:77:6D 00:04:A3:93:83:15 00:04:A3:93:F2:55	10.50.31.74 10.50.31.46 10.50.31.72	Address		Add Delete Modify Search
		Ok	Cancel	Help

10. A window will open displaying the units' MAC addresses and IP addresses. Select the desired

unit and then click on the ADD/MODIFY DATABASE button.



Megger.

MPQ2000 operation with a wireless bridge

	Ether Search	×
Discovered Units		
MAC: 00:04/A3:E6:82:E0 at 1	69.254.219.157	Add/Modify database
From: 169.254.111.215		

- 11. Click OK to close the Ethernet Directory Database window.
- 12. In the upper right quadrant of the PC software is a drop down field labelled UNIT. Select the

Serial Number of the unit that you wish to connect to.

		—	×
Unit	MPQ-2000 S/N: X0006		-
	MPQ-2000 S/N: X0006		
	MPQ-1000 S/N: X0005		
[MPQ-2000 S/N: 10110715		
	/ /		

13. In the PC software select VERIFY CONNECTION.



The software will now locate the unit and indicate that it has connected.

MeggerPQ	×
Connected on the network.	
ОК	

APPLICATION NOTE

Megger.

MPQ2000 operation with a wireless bridge

Connecting to a unit already in the communications database

- 1. Connect the Ethernet Bridge to MPQ2000 unit.
- 2. Wait about 2 minutes for the bridge to assign the MPQ2000 an IP

address.

3. Open the HELP Screen and view the IP address



If the IP address reads 0.0.0.0 then wait another couple minutes, close the HELP screen and re-open the help screen. Verify an IP address has been assigned.

Application: 1.0.5.0
Operating System: 1.0.0.10
Firmware: 1.106
TX25Startup: 1.0.2.2
Available memory: 100.00%
Model: MFQ-2000
Hardware: E05
Serial #: 10110715
Calibration: 11/10/2015
IP Address: 169.254.219.157
Do you want to perform update?
Update Exit

- 4. Connect the PC to the same network that the bridge is on.
- 5. Disconnect the PC from any other networks
- 6. In the PC software select CONFIG then COMMUNICATIONS



7. In the communications window select USE NETWORK COMMUNICATIONS. Click OK to close

the window.



Megger.

MPQ2000 operation with a wireless bridge

Communications				
Port Information				
Ethernet Communications				
TCP Port 30685				
OK Cancel Help				

8. In the upper right quadrant of the PC software is a drop down field labelled UNIT. Select the

Serial Number of the unit to which you wish to connect.

		—	×
Unit	MPQ-2000 S/N: X0006		•
	MPQ-2000 S/N: X0006		
	MPQ-1000 S/N: X0005		
	MPQ-2000 S/N: 10110715	 	

9. In the PC software select VERIFY CONNECTION

1				MeggerPQ	
File Config Mode Analyzer Chart	Report View Window Help				
Create Setup File Install Setup File	Download Data Verify Connection	Remote Screen	Create Report	Create Chart	Export to Excel
PRODUCT MP0-2000 V V Data Default Custom ELICKER-TEST.pg2d	A	X			//

The software will now locate the unit and indicate it has connected.

/ /

MeggerPQ	×
Connected on the network	
ОК	