

QuickQ Test Procedure

Testing kit required (In addition to standard console accessories – for example console power supply):

- Full HD monitor with HDMI cable
- 3.5mm to 3.5mm Minijack audio cable
- 5 Pin MIDI-MIDI cable to test MIDI ports



- ChamSys USB-DMX Test Cable
(ChamSys Part no: 900-001) to test direct DMX output ports
- Android or iOS phone/Tablet (Wi-Fi Test),
with free QuickQ Remote app installed



- An Artnet/sACN node + network cable to check wired network port

(any brand node)



QuickQ Console Testing

Products

All QuickQ products have:

- Audio in and out
- Wired ethernet
- Wifi access point
- 2 USB
- External HDMI
- 9.7inch internal touchscreen

The QuickQ 20, 30 and Rack have Midi In/Out ports in addition.

	QuickQ 10	QuickQ 20	QuickQ 30	QuickQ Rack
DMX ports	1	2	3	2
MIDI	N	Y	Y	N
Encoders	2	6	6	N
Playback faders	3	10	10	N
Fixture faders	20	20	40	N

Testing procedure

1. **Mechanical checks**

Build quality, visual check of the outside all screws present, screen print, rattle

2. **System boot and external HDMI**

Plug in HDMI monitor, plug in power supply and IEC that comes with console, verify menu appears on HDMI monitor (boot can take up to 10s).

Unplug power and HDMI.

3. **Internal screen and touchscreen**

Plug in power (without HDMI), verify menu appears on internal screen, verify touchscreen works.

4. **Built-in factory tests**

Go to **Menu (≡)** → **Settings** → Update → Run Startup App (DO NOT PRESS THE BOARD TEST BUTTON HERE) → Confirm → More Options → Factory tests → Select 'Set Product' → QuickQ 10/20/30, work through tests until all have ticks (✓), connecting the various test cables as prompted. Each test will prompt when to connect test cables and gives visual indicators to follow.

**Note – You will NOT be able to do the Wired Ethernet and Wifi test during these tests
These ports/functions are tested separately at the end.**

1. **Audio** (this can take up to 3 attempts to pass) - C

2. **MIDI**

3. **Direct DMX ports 1 and 2**

4. **Power + Recovery Buttons**

5. **Touchscreen**

6. **Wing fader panels left and right** (fader panels with LEDs to the left of the screen, check LEDs are all white and all look the same colour, check lenses are free from dust)

7. **Master fader panel** (playback faders below screen)

8. **Test USB desk lamp – Plug in and check LED light comes on.**

The Wired Ethernet & Wi-Fi are tested separately and not using these inbuilt tests.

QuickQ Console Testing

The LCD Test Cards are used during initial console QC and not required for this test. If you do select this test, tapping on the touch screen advances through each test card.

Menu Tests are now complete – Select, Back → Start QuickQ

Wi-Fi Tests

1. Press 'Wi-Fi' icon on top right of display (next to the record button) to display the consoles QR code, ensure status is set to enabled here if QR does not display.
2. Open QuickQ Remote app on Android/iOS phone/tablet, select QR code from the options
3. Scan QR code on console with phone/tablet
4. Verify that phone/tablet has connected to the console, this proves Wi-Fi on the console is working correctly.

Network Tests

1. Connect a network node (e.g. SnakeSys B4 or any Artnet node) to the console via standard network cable (cat5e or cat6).
2. Go to **Menu (≡) → Settings → Network → Wired**. Confirm IP Address on the QuickQ is in the range IP Scheme as the node. For example if using a SnakeSys node these use a 2.x.x.x IP on a 255.0.0.0 subnet.
3. Go to **Menu (≡) → Settings → DMX Settings**. For Universe 1, set the 'send over network' option to Artnet, ArtNet Universe to 0 and Slide on the 'Test Mode' option. This will ramp all channels on this universe.
4. Configure your network node to receive Artnet universe 1 and prove Data is received by the node (usually by an LED next to the DMX port on the node).
5. Switch off 'test mode' in the DMX settings on the QuickQ console.

QuickQ Console Testing

Once all tests have been completed, all accessories with the console should be checked for their condition and power cables, power supplies and the console appropriately tested (PAT) according to company policy.

Package and check contents

1. Console
2. Power supply
3. IEC cable (with appropriate plug for destination country)
4. Antenna
5. USB desk lamp
6. Tablet holder
7. Dust cover
8. Quick start guide

For any issues contact: support@chamsys.co.uk