

AQUABROADCAST

COBALT FM TRANSMITTER QUICKSTART GUIDE

Creating the Most Exciting and Engaging FM Broadcast experience possible...

Thanks for choosing an Aqua Broadcast COBALT Fully-Featured FM Transmitter. We hope that you enjoy your Aqua Broadcast product for many years to come. This quickstart guide is relevant to all COBALT models.

NOTE - Most advanced features can only be set using the web remote facility. Where possible, please connect your COBALT to a network to enjoy the full user experience.

This QuickStart Guide assumes a few things:

You have basic networking skills and a familiarity with networking terminology
You have familiarity with RF Transmission and Audio products

We don't ship products with User Manuals.

Please download the complete user manual at <https://www.aquabroadcast.co.uk/support>
Under the downloads tab.
Or scan the QR code on the left.

Download Manual



Youtube Tutorial



CONNECTIONS

Before turning on the Transmitter, be sure to connect the following at a minimum.

- ~ RF Cable to Antenna or suitable Dummy-load
- ~ Connect inputs and outputs as required for your particular installation (Analog Left/Right, AES/EBU, MPX)
- ~ Ethernet Cable to Router
- ~ Power Cable

POWER

There is an on/off switch right next to the Power Cable Input of the COBALT. We urge you to test and ensure your electrical power and confirm the Voltage is within nominal ranges before powering the unit on. It is also advised that the circuit is equipped with adequate surge protection and fitted with an uninterruptible power supply (UPS).

INITIAL NETWORK SETUP

IMPORTANT – Connect your COBALT to a Router. Please do not attempt to connect the COBALT directly to a PC unless you have a crossover cable and additional networking knowledge.

The COBALT ships with DHCP set to NO (OFF) and the default IP address is 192.168.1.100
Please check the settings on the front panel.

You can easily define your own IP address of the COBALT from the front panel controls.

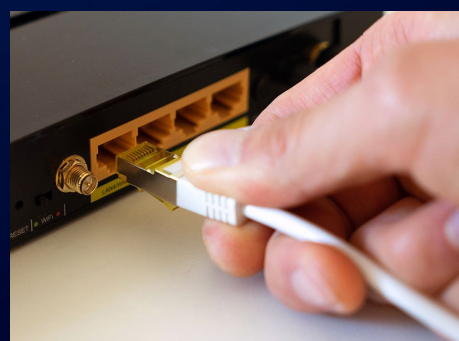
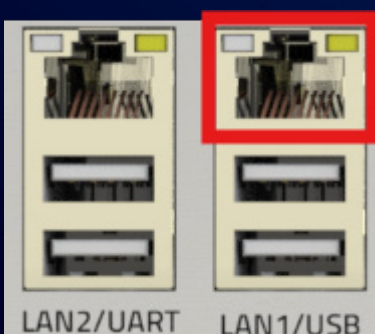
Setting DHCP to YES will automatically retrieve an IP address when connected to a network with a DHCP server.

The Windows PC on which the COBALT will be installed should be connected to the same network and subnet.

NETWORK	SYSTEM	11:30:27
DHCP: YES		
IP: 192 . 168 . 1 . 100		
MASK: 24		
GATE: 192 . 168 . 1 . 254		
DNS 1: 192 . 168 . 1 . 254		
MAC: 8c:1f:64:eb:20:01		

1

Connect an RJ45 cable to the LAN1 port on the rear of the COBALT to your router.



2 On your web browser, enter http:// followed by your IP address and click enter.



When you see the following screen, please enter the default username and password

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Username

Password

☐ Remember me

Sign in

LOGIN DETAILS

Username - admin
Password - pass

For all COBALT FM Transmitters

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Using default password, change is required

admin Sign out

Password

Password again

Change password

IMPORTANT - For security reasons, a pop-up window will prompt you to change your password when using Firmware Version 1.16 and above.

ADJUSTMENTS USING THE WEB REMOTE INTERFACE

Ensure you select the correct MPX Source on the Exciter & Stereo Page, according to your audio input.

MPX Source	INPUT/SOURCE
Internal	Analogue Audio, Digital Audio, Audio Manager, Tuner Audio, 2WCOM MoIN
Analogue	Analogue MPX
Digital	Digital MPX
MicroMPX	MicroMPX Input
Tuner MPX	Tuner MPX

IMPORTANT - Audio Manager includes Local, USB, Stream 1 & 2 and Micro MPX inputs.

To adjust certain critical parameters like RF Power level and the Frequency, you need to click the **RED** padlock icon to unlock the editing mode, and then enter your desired value.

The lock stops you inadvertently making a change. All other parameter values are easily changed by entering the value.

USING THE FRONT PANEL CONTROLS

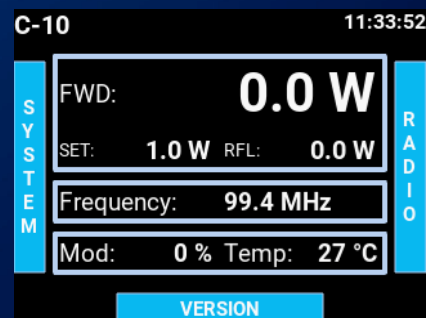
The Cobalt has a clickable joystick as the main input interface. The navigation through the menus occurs at two levels.

- On the first level you can quickly browse through the different screens

The main menu categories are connected as a ring, on the left/right direction, but there might be related screens hanging up or down. On each screen, BLUE labels on its sides show the available navigation directions.

- On the second level you can navigate inside a particular screen:

Once you have reached the screen where the parameter you want to change is, click the joystick once to enter that screen. You can now move through the parameters in that page. Move to the parameter and click, to start editing that parameter. Use the joystick to change the value and then click to accept or double click to cancel (revert to the previous value). Double click again to go back to screen navigation.



CONTACTS AND USEFUL INFORMATION



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