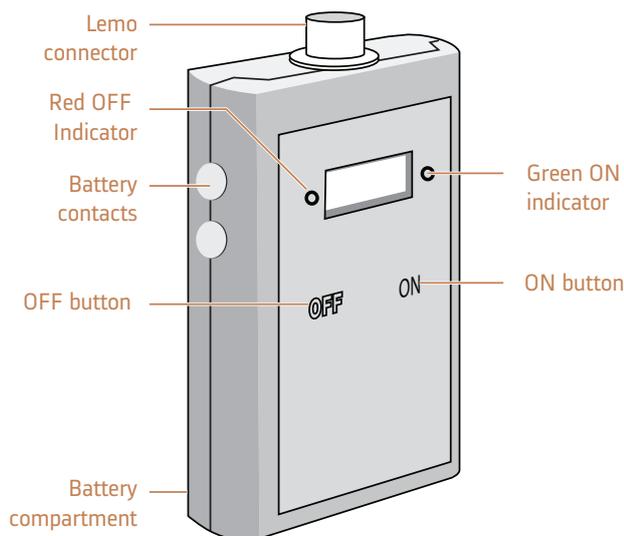**The Control-X uses electromagnetic induction to switch on or off the miniTX or the TX2040 transmitter, or check its frequency, even when the transmitter is hidden beneath clothing. It has a built-in frequency counter and battery tester.**

Controls, display, and connections

Lemo connector

Red OFF Indicator

Battery contacts

OFF button

ON

OFF

ON button

Battery compartment

Green ON indicator

Lemo connector

Allows you to plug in a TX2040, TX2020, or DX2020 and measure its on-load internal battery voltage.

Battery contacts

Allow you to measure the voltage of a 9V 6LR61 type battery.

Red off indicator

Indicates no signal from the transmitter.

Green on indicator

Indicates a signal received from the transmitter.

Display

Shows the status of the Control-X, and displays frequency and voltage.

ON/OFF buttons

For turning the pocket transmitter on or off.

Battery compartment

Takes a 9V 6LR61 type battery.

Controlling a miniTX or TX2040

In the miniTX the receptor for the Control-X is located in the top part of the transmitter between the Lemo socket and the antenna socket.

In the TX2040 the receptor for the Control-X is located in the bottom part of the transmitter below the battery compartment.

Switching on

To switch the miniTX or TX2040 on, even through clothing:

- Hold the Control-X within 20cm (8") of the transmitter.
- Press and hold the **ON** button and slowly wave the Control-X in front of the transmitter.

  The green indicator illuminates and the display shows:

  tr On

- Release the **ON** button.

  The green indicator stays illuminated if a signal is being received from the transmitter, and the display shows the frequency. For example:

  FREQUENCY
  856.575
  MHz

Switching off

- Hold the Control-X within 20cm (8") of the transmitter.
- Press and hold the **OFF** button and slowly wave the Control-X in fromt of the transmitter.

  The red indicator illuminates and the display shows:

  tr OFF

- Release the **OFF** button.

  The red indicator stays illuminated and the display then shows:

  no SIG

  This confirms that the transmitter has been switched off.

Checking whether the miniTX or TX2040 is switched on

You can use the Control-X to check the status of the transmitter, without switching it on or off, as follows:

- Hold the Control-X more than 20cm (8") away from the

transmitter, and press and release the **ON** button.

- Move the Control-X within 20cm (8") of the transmitter. If the transmitter is operating the green indicator will be illuminated and the display shows the frequency. For example:

FREQUENCY
856.575
MHz

If the transmitter is not operating the red indicator will be illuminated. The display shows:

no SIG

Displaying the frequency of any transmitter

The Control-X can be used to display the frequency of any Audio Ltd or third-party transmitter.

Displaying transmitter frequency

- Bring the transmitter within 5cm (2") of the Control-X.
- Hold down the **ON** button. The display shows the transmitter frequency; for example:

FREQUENCY
856.575
MHz

Checking battery voltages

Checking the Control-X battery

- Press the **ON** and **OFF** buttons simultaneously, and release them. The display briefly shows the battery voltage of the Control-X; for example:
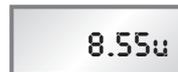
7.60u

If this falls below 6V the battery should be replaced.

Note that the Control-X automatically switches itself off if no key has been pressed for approximately 12 seconds.

Checking the battery of other Audio Ltd RMS2020 or RMS2000 transmitters

- Plug the transmitter into the Lemo connector on the front of the Control-X without pressing either button. The display shows the true on-load internal battery voltage of the unit. For example:
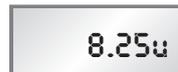
8.55u

Refer to the User Guide for the product for information about the minimum voltage requirement of the product.

Note: Although the Control-X display automatically turns off to conserve battery life, the transmitter will remain on while connected to the Control-X.

Measuring a battery

- Hold the 9V 6LR61 type battery against the two metal terminals on the side of the Control-X without pressing any buttons.

  The green indicator will be illuminated and the battery voltage will be displayed. For example:

8.25u

If the battery is connected the wrong way round the indicator will be illuminated. The display shows:

ReVeRse

Technical specification

Size	100 x 63 x 24mm
Weight	150g including battery
Battery type	9V 6LR61