Millenium

MCT-30

Quick Start Guide

This quick start guide contains important information on the safe operation of the device. Read and follow the safety advice and instructions given. Retain the manual for future reference. If you pass the device on to others please include this manual.

Safety instructions

Intended use

This device is used to check the functionality of cables with different connections. Any other use or use under other operating conditions is considered to be improper and may result in personal injury or property damage. No liability will be assumed for damages resulting from improper use.

Danger for children

Ensure that plastic bags, packaging, etc. are disposed of properly and are not within reach of babies and young children. Choking hazard! Ensure that children do not detach any small parts (e.g. knobs or the like) from the unit. They could swallow the pieces and choke! Never let unattended children use electrical devices.

Risk of fire due to incorrect polarity

Incorrectly inserted batteries may destroy the device or the batteries.
Ensure that proper polarity is observed when inserting batteries.

Possible damage by leaking batteries

Leaking batteries can cause permanent damage to the device.
Take batteries out of the device if it is not going to be used for a longer period.

Where to use the product

Never use the product
- in direct sunlight
- in conditions of extreme temperature or humidity
- in extremely dusty or dirty areas
- at locations where the unit can become wet
- near magnetic fields

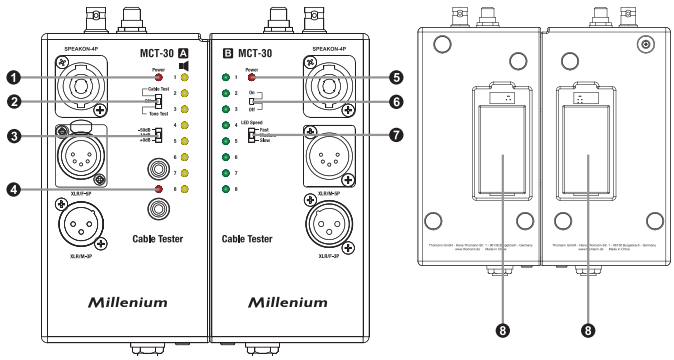
General handling

- To prevent damage, never use force when operating the switches and controls.
- Never immerse the appliance in water. Just wipe it with a clean dry cloth. Do not use liquid cleaners such as benzene, thinners or flammable cleaning agents.

Keep foreign substances from the unit!

Keep the device away from containers with liquids. Should any liquid get into the unit, this could lead to its destruction or fire. Be sure not to let any metal objects into the unit.

Operating elements



Device A:
1. Pilot light.
2. Turns the device on in cable or sound test mode, or off.
3. Switch for adjusting the output level at pins 2/3/4 to –50 dB, –10 dB or +0 dB at 1 kHz signal.
4. Sound and continuity test ports for banana plugs. When connected, the LED lights up and a signal sounds.

Device B:
5. Pilot light.
6. Turns the device on and off.
7. Switch for setting the test speed: FAST = test interval 0.5 s, MEDIUM = test interval 1.0 s, SLOW = test interval 1.5 s.
8. 9 V battery compartment.

Using the device (e. g. with an XLR cable)

1. Insert a 9 V battery into the battery compartment (❽) on the back of both devices.
2. Connect the cable to be tested to the appropriate sockets on devices A and B.
3. Switch on device B with the ON / OFF switch (❻). The power-on indicator (❺) lights up as well as the green LEDs 1, 2 & 3, if a cable is connected.
4. Turn on device A with the CABLE / OFF / TONE TEST switch (❷). The power-on indicator (❶) lights up, as well as the yellow LEDs 1, 2 & 3. In addition, a signal sounds when PIN 1 is detected (as long as the cable is not defective). Please note that at least PIN 1 must be connected for device A to work properly.
5. Now you can separate the two devices and recognize whether a cable is working or not by looking at just one of the two devices.
6. The order in which the PINS are displayed in device A corresponds to the order in which the PINS (or wires) are tested and connected. For example, if the XLR cable is connected to like '132' instead of '123', the signal will first sound when PIN 1 is connected, then you will see LED 3 (for PIN 3) and then LED 2 (for PIN 2). This will tell you that the cable is not wired correctly.
   For example, if PIN 2 is not connected, the signal for PIN 1 will sound and the yellow LED 1 will light up. LED 2 will then not light up, but LED 3.
   The test of all other cable types is done accordingly, only the number of wires and thus the involved display LEDs varies.
7. Move the power switches to the OFF position to turn off the devices.

Technical specifications

Housing material:	Plastic
Effective testing distance:	< 1000 m
Output signal:	–50 dB | –10 dB | +0 dB @ 1 kHz
Cable testing speed:	0.5 s | 1.0 s | 1.5 s
Dimensions (W × H × D):	84.5 mm × 34 mm × 155 mm (device A) 80.0 mm × 34 mm × 155 mm (device B)

For the transport and protective packaging, environmentally friendly materials have been chosen that can be supplied to normal recycling. Ensure that plastic bags, packaging, etc. are properly disposed of. Do not just dispose of these materials with your normal household waste, but make sure that they are collected for recycling. Please follow the notes and markings on the packaging.

Batteries must not be disposed of as domestic waste or thrown into fire. Dispose of batteries according to national or local regulations regarding hazardous waste. Dispose of empty batteries at appropriate collection sites.

This product is subject to the European Waste Electrical and Electronic Equipment Directive (WEEE) in its currently valid version. Do not dispose of your old device with your normal household waste. Dispose of this product through an approved waste disposal firm or through your local waste facility. Comply with the rules and regulations that apply in your country. If in doubt, consult your local waste disposal facility.