

## MM & ML SERIES

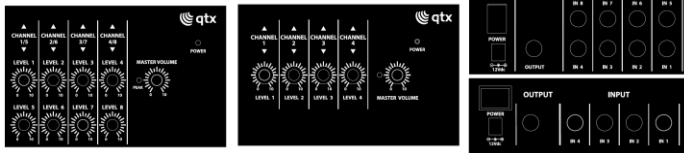
Item ref: MM41 170.202UK  
 MM81 170.203UK  
 LM41 170.204UK  
 LM82 170.205UK

### Mini Mixers

### User Manual



Caution: Please read this manual carefully before operating  
 Damage caused by misuse is not covered by the warranty



Thank you for choosing the QTX mini mixer series as part of your audio system. These convenient, compact units are designed to provide a useful solution for combining several mic or line signals into a single sound system. Please read and keep this guide to help get the best results and avoid damage to your mini mixer.

The QTX mini mixers can be powered by a 9V battery or optional 12Vdc power adaptor.

To insert a 9V PP3 battery, unscrew the cover on the base of the mixer, connect the battery clip and replace cover. Alternatively, connect a 12Vdc 200mA (min) adaptor to the rear DC input, ensuring the correct polarity.

With the power switched off at the rear and all volume controls turned down, connect all inputs via 6.3mm jack.

MM41 and MM81 models have inputs to match microphone level. LM41 and LM82 models require line level inputs.

All inputs will be mixed to a single output except the LM82 mixer, which feeds 4 inputs to each of 2 outs for stereo.

Connect the output jack(s) to the sound system or recording device.

Switch the power on and turn up Master Volume part way. The power LED will illuminate.

Increase each input channel volume in turn, checking the level through the connected equipment.

When all inputs are balanced as required, adjust the Master Volume to the required level.

Ensure that the red LED beside the Master Volume control does not light other than momentarily.

If this LED stays on longer than this, reduce the Master volume.

### Specifications

Model	MM41	MM81	LM41	LM82
Input impedance	20k Ohms	20k Ohms	3.3k Ohms	3.3k Ohms
Inputs	4 x 6.3mm jack	8 x 6.3mm jack	4 x 6.3mm jack	8 x 6.3mm jack
Outputs	1 x 6.3mm jack	1 x 6.3mm jack	1 x 6.3mm jack	2 x 6.3mm jack
Weight	533g (no battery)	621g (no battery)	533g (no battery)	621g (no battery)
Battery	9V battery (PP3 supplied)			
Power adaptor	12Vdc, 200mA (optional)			
Output level	+4dB (+8dB max.)			
Output impedance	600 Ohms			
Dimensions	150 x 108 x 64mm			



**Disposal:** The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

*Errors and omissions excepted.  
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