

## **QUICKLOK - Quick Release Tip**

The Ambient QUICKLOK quick release tip for microphone assemblies is the first snap connection available which makes a rigid rattle free joint and has a self locking and self-locating action. The unit is a precision mechanical device but is very robust.

The mechanism can be described as a taper lock where a taper stub (screwed to the microphone assembly) is inserted into a tapered hole through a butterfly opening which is twisted until the stub fall into place.

At this moment a spring loaded concentric catch closes, locking the stub. Any residual play is taken up by the self-tightening action of the catch, which pulls the taper in, giving a joint with absolutely no play.

To break the joint the outer sleeve is twisted until the taper stub falls out. The unit is made from aluminum with an ABS plastic cover for the spring, the outer aluminum part being anodized in magenta with a laser print with serial number and opening direction arrows. The stub is aluminum and is not anodized.

To prevent lock up or seizing, the inside of the retention wings should always be greased.

The main unit has a 3/8" BSW hole and locking grub screw and fits on all mike booms. The unit is screwed on and then the grub screw is tightened.

The Stub is 3/8" BSW threaded and is screwed onto the mike assembly tightening with a metal bar or screwdriver through a cross hole in the stub. Loctite can be used for more permanent fixing.



**QRT QUICKLOK kit contains:**

- 1 Taper lock
- 2 Taper stubs
- 1 Allen key

**Dimensions:**

- QRT: 44 mm x 36 mm overall dia
- Stub: 28 mm x 17 mm overall dia

**Weight:** Complete with stub 45 gram

experience quality.

**Ambient Recording GmbH**

Schleissheimer Straße 181c | DE - 80797 Munich

vox +49 89 36055100 | fax +49 89 6518558 | [info@ambient.de](mailto:info@ambient.de) | [www.ambient.de/en](http://www.ambient.de/en)

© 2018, Ambient Recording GmbH