



## USER MANUAL

# **CT-CCT-BFR1 Compression Tool**

## **PACKAGE CONTENTS**

This package contains:

One CT-CCT-BFR1 compression tool  
One User Manual

## **PRODUCT DESCRIPTION**

The CT-CCT-BFR1 is a ratchet compression tool for use with RCA, F, and BNC compression connectors from Cabletronix and other vendors on RG59 or RG6 cables. The tool incorporates a universal adaptor for RCA, F, and BNC connectors.

## **INSPECTION AND OPERATION**

### **1. UNPACKING and HANDLING**

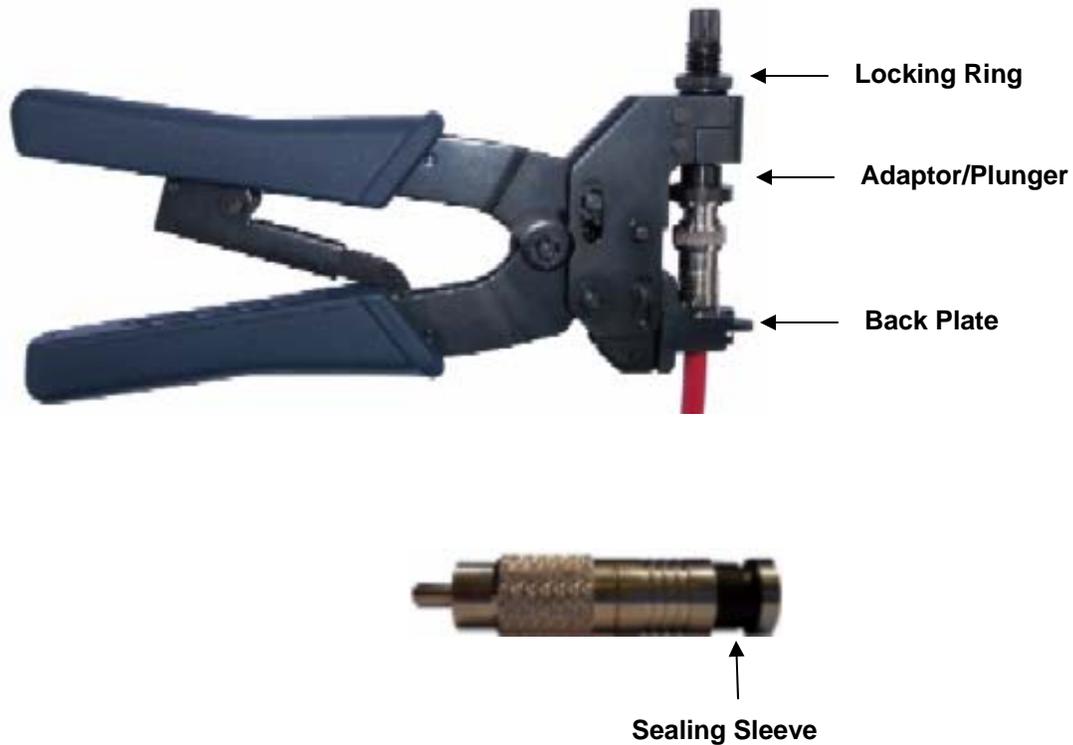
Each unit is shipped with one user manual

Ensure that all materials are removed from the container before discarding packing material

### **2. MECHANICAL INSPECTION**

Inspect all pieces for shipping damage. If contents appear to be damaged or defective please contact your distributor or Cabletronix at 1-610-429-1511 for assistance.

### 3. PRODUCT DIAGRAMS



### 4. CABLE and CONNECTOR PREPARATION

- a. To get a solid and reliable fit it is important that the cable and connector be properly prepared before compressing the connector onto the cable.
- b. Using a cable stripper for the appropriate size cable strip the cable to expose approximately  $\frac{1}{4}$ " of center conductor.
- c. Using the cable stripper strip the cable jacket to expose approximately  $\frac{1}{4}$ " of cable braid and dielectric.
- d. Fold back exposed braid and make flush with cable jacket.
- e. If using a BNC compression connector take the connector's center pin (separate item) and mount on the cable's center conductor. If needed, trim the cable's center conductor just enough so the pin is flush against the cable's dielectric. Then take the BNC compression connector and slide over the center pin and onto the cable until the center pin is visible and flush with the BNC connector.
- f. If using an F compression connector simply slide the connector over the prepared cable where the center conductor protrudes  $\frac{3}{16}$ " out from the connector nut.
- g. If using an RCA compression connector simply slide the connector over the prepared cable.

## **5. USING THE COMPRESSION TOOL**

- a. Place the connector/cable assembly into the compression tool with the connector end flush with the adaptor/plunger and the compression end against the tool's back plate.
- b. Adjust the adaptor length from the plunger to ensure the connector/cable assembly fits snugly in the tool. Adaptor/plunger setting can be secured by tightening the plunger's locking ring.
- c. Squeeze the tool's handles and compress until the connector's sealing sleeve (colored area) is fully compressed (no color showing). Do not use excessive force. Apply only enough force to make the connection.
- d. Release tool handles. Remove the connector/cable assembly from the tool and tug the fitting to ensure there is a solid connection.