



## ***BKR0701 Cloning Cable User Instructions***

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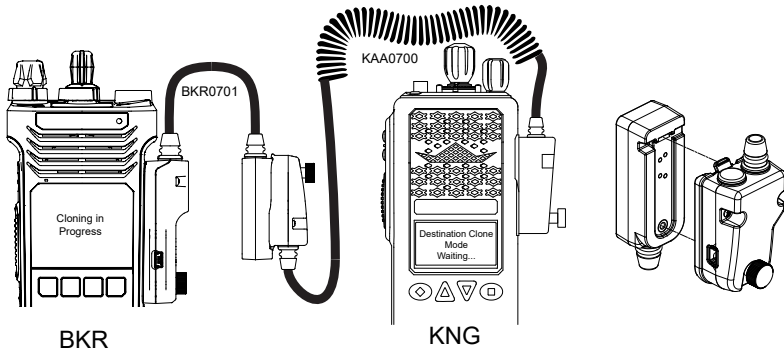
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## Operation

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The BKR0701 Cloning Adaptor offers radio users the ability to share programmed information between BKR portable and KNG portable radios. For proper operation, the BKR0701 Cloning Adaptor must be used in conjunction with the KAA0700 Cloning Cable.

For BKR to KNG cloning, one BKR0701 Cloning Adaptor and one KAA0700 Cloning Cable are used as shown below:



For BKR to BKR cloning, one BKR0700 Cloning Adaptor should be used.

The Source radio is a radio programmed with the desired radio frequencies and settings you wish to transfer to another radio of the same frequency range.

In order to clone radio information the Source radio must have a menu item programmed, via PC Radio Editor, to allow cloning. (Refer to the "Menus/Controls" section of the radio editor.)

The radio receiving the program is referred to as the Target.

Target radios can be programmed to block incoming cloning information on a zone by zone basis.

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## Source Radio

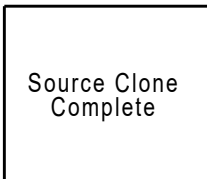
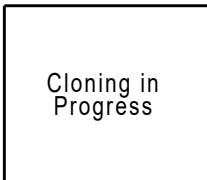
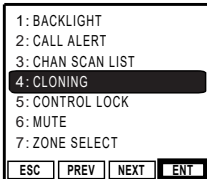
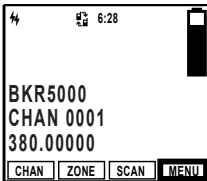
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On the Source radio select the zone with the information to be cloned by pressing the Zone button, or selecting “Zone Select” from the menu, then entering the number of the desired zone.

On the Target radio select the Zone or Group to which the information is to be sent.

Some zones may be blocked by PC programming to prevent them from being overwritten. Only unlocked groups will accept incoming clones.

### Sending Information



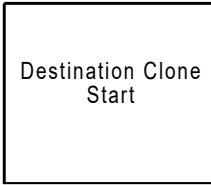
On the Source radio:

1. Press the Menu button.
2. Use the [PREV]/[NEXT] buttons to select “Cloning”.
3. Press the [ENT] button to send the cloning information.

While sending information “Cloning in Progress” will be shown on the Source radio display.

After successful radio data transfer, “Source Clone Complete” is briefly displayed on the Source radio.

## Receiving Information



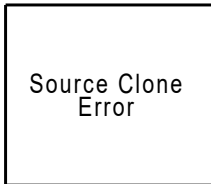
Target radios display a message to indicate receiving incoming information.

Target radios display "Destination Clone Start" during the cloning process.

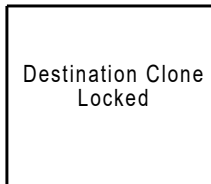
When the cloning process is successfully completed, the Target radio will automatically shut down and reset.

NOTE: Upon reset the Target radio reverts to Zone 1.

## Error Notifications



If the targeted zone is blocked from cloning, or the clone is not successful any other reason, the Source radio will display "Source Clone Error" and require radio power to be cycled.



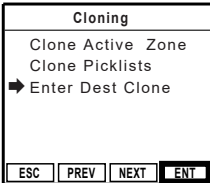
If a targeted zone is blocked from cloning the Target radio will display the "Destination Clone Locked" message and requires radio power to be cycled.

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## Target Radio

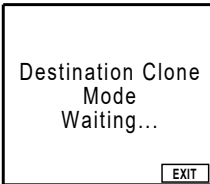
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To clone to a BKR or KNG radio, it must be put in “Destination Clone Mode.” The BKR and KNG radio can only receive “Active Zone” or “Picklist” clone information.

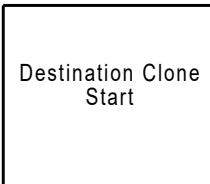


On the target radio:

1. Select the Menu button.
2. Use the up/down buttons to select “Cloning”.
3. Press the [ENT] button.
4. Select “Enter Dest Clone”.



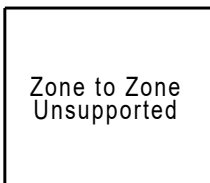
When the target radio is in “Destination Clone Mode”, the source radio can initiate the cloning of the “Active Zone” or “Picklist”.



When cloning has started, the target radio will display “Destination Clone Start”



After a successful information transfer, “Power off” is displayed and the radio will restart.



The only cloning functions supported by the KNG Target radio are “Active Zone” and “Picklist”. All other functions are unsupported.

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## **Cloneable Information**

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### **Cloning Information**

The Source radio sends only information the Target radio requires.

### **Channel Capacity Considerations**

When a BKR Source zone is programmed with less channels than a Target radio, channels about the highest programmed Source channel will be set to inactive.

A Target zone will assume the channel structure of the Source radio. Example: Cloning from a BKR with a five channel zone will enable only five channels in the Target radio.

BKR and KNG radios do not allow a receive frequency of 0. When a Source radio channel has no programmed receive frequency, the Target will substitute 136MHz.

### **Picklist Capable Target Radio Considerations**

If picklist selections are assigned in the Source radio, the associated picklist reference will be cloned to the Target radio. For example, if a channel has a picklist selection of Tone 3, then a picklist reference of 3 will be sent to the Target radio and the Target radio will use the value stored in the 3 position of the radio's picklist. The Target radio's picklists will not be affected.

## Cloned Picklist Values

Source radio	BKR	KNG
<b>Tone selected</b>	Default values and Picklist references	Default values and Picklist references
<b>No tone selected</b>	Default values	Default values

If the cloning process fails or the Target radio's zone is blocked from accepting an incoming clone, a fail message will appear on the Source radio.

Failure of downloading can be due to:

- Zone programmed to block clone
- Improper connection
- Failure to turn on the Target radio
- Incompatible Target radio
- Cable unplugged