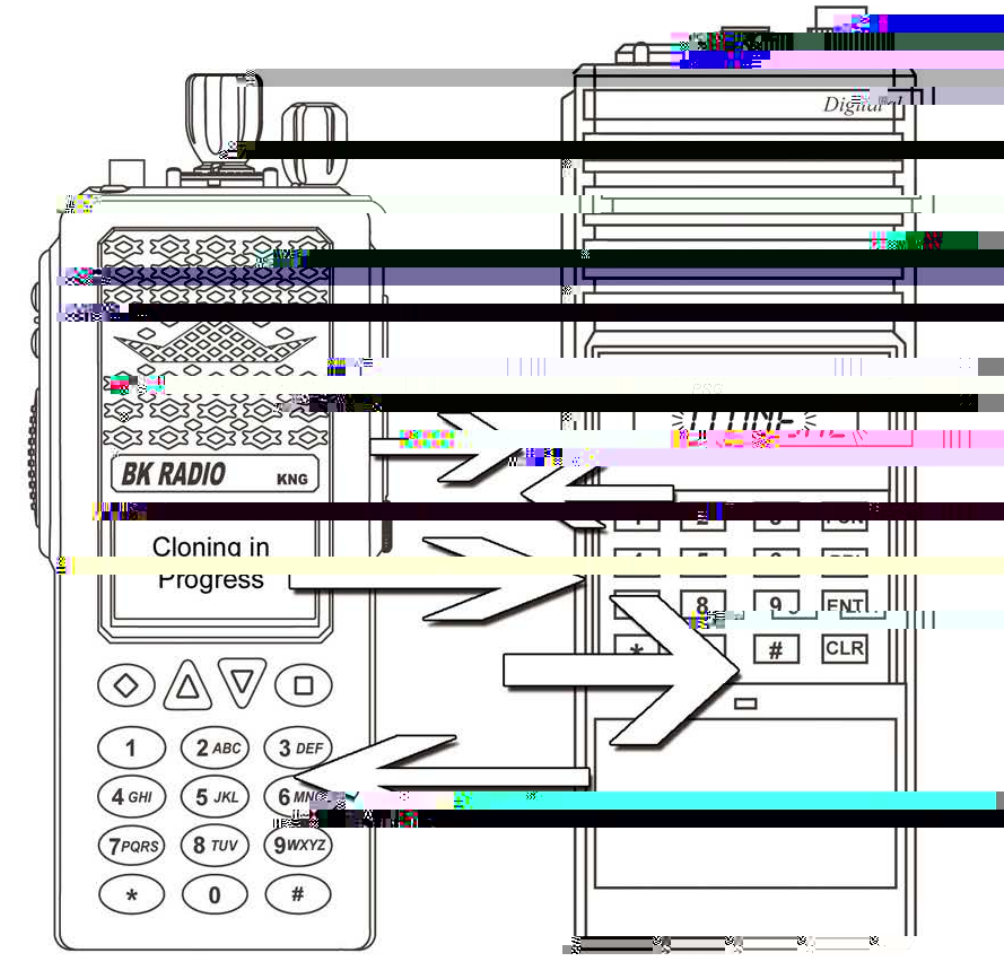
KAA-0701

Multi-Model Cloning Cable

User's Manual

Digital Version
Rev. 04-18



Contents

Introduction.....1

Operation.....1

KNG as Source Radio 1

KNG as Target Radio.....4

KNG-S Model Cloning 5

Legacy Radio Cloning.....8

Cloneable Information.....9

Quick Reference 13

Introduction

The KAA0701 Cloning Cable o ers radio users to ability to share programmed information between KNG portable and mobile radios and/or other BK Radio legacy models.

Operation

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 ñMenus/Controlsò 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.

The KAA0701 Cloning Cable requires the use of a KNG or KNG-S model as either the Source or Target radio.

KNG as Source Radio

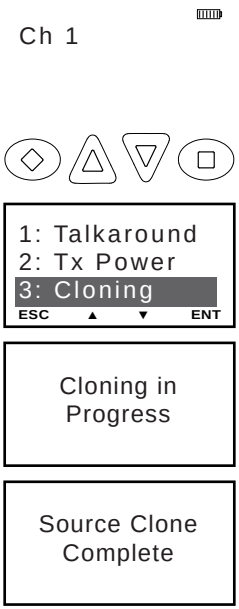
On the source radio select the zone with the information to be cloned by pressing the Zone button, or selecting ñZone Selectò from the menu, then entering the number of the desired zone.

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

For Legacy radio models select a target group by pressing the [#] key and entering the number of the desired group.

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

Sending Information



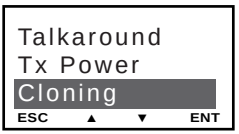
KNG-S Model Cloning

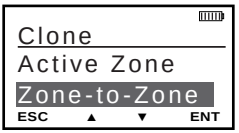
KNG-S radios allow for three cloning options:

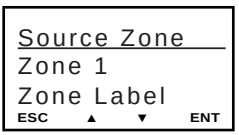
Active Zone

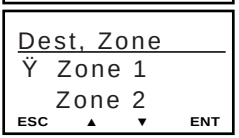
KNG-S to KNG-S Instructions

Connect the KAA0701 Cloning Cable to the side connector of the Source and Target radios and power up both radios.









Legacy Radio Cloning

Command Radio Model Target Selection

Cloned Picklist Values

KNG Source	D & G Standard	D & G CMD	KNG-S/ KNG
Tone selected	Default values	TX Default set to 0, Picklist reference # and RX default value	Default values and Picklist references
No tone selected	Default values	Default values	Default values

KNG as Source Radio

	Target Radio Type								
	DPHX 5102X	GPH 5102XP	DPHX CMD	GPH CMD	DMH	GMHP	GPH	KNG	KNG-S
Channel and Zone Labels									
RX/TX Frequencies									
Digital/Analog/ Mixed Mode									
Code Guards (CG)									
Network Access Codes (NAC)									
Digital Squelch Operation									
Talk Groups									
Scan Lists									
Analog Bandwidth									
High/Low Power									
OTAR/Data Channel									
DTMF ID									
MDC ID									
Signaling									
Zone Priority Settings									
Scan Hold Time									
Tx Timeout Timer									
Picklist References									
Squelch Operation									
Busy Lockout									
User Password	Set to 000000				Set to 000000				

Encryption Parameters

Encryption Parameters	DPHX/DMHX	KNG	KNG-S
Encrypted/Clear/Switchable	Set to Clear		
Encryption Key/Key Lock			
SLN			ñEntire Radio Cloningò only.

KNG as Target Radio

	Source Radio Type						
	DPHX 5102X	GPH 5102XP	DPHX CMD	GPH CMD	GPH	KNG	KNG-S
Channel and Zone Labels							
RX/TX Frequencies							
Digital/Analog/ Mixed Mode							
Code Guards (CG)							
Network Access Codes (NAC)							
Digital Squelch Operation							
Talk Groups							
Scan Lists							
Analog Bandwidth							

Quick Reference

Any Compatible Model to KNG

1. Put Source and Target radios in the desired Zone.
2. Select ñEnter Dest Cloneò from the ñCloningò menu on the Target radio.
3. Select ñCloningò from the menu on the Source Radio.
4. Press the ENT button to send.

KNG to Any Compatible Model

1. Put Source and Target radios in the desired Zone.
2. Select ñCloningò from the menu.
3. Press the ENT button to send.

Legacy to KNG or KNG-S

1. Put Source and Target radios in the desired Zone.
2. Put the Source radio in Program Mode.
3. Press [*] button to enter cloning mode.
4. Press [FCN] button to send.

KNG-S to Any Compatible Model

1. Select ñCloningò from the menu.
2. Select ñActive Zoneò from the cloning menu.
3. Press the ENT button to send.

KNG-S to KNG-S

1. Select ñCloningò from the menu.
2. Select ñActive Zoneò, ñZone-to-Zoneò or ñEntire Radioò from the cloning menu.

2(a). If ñZone-to-Zoneò is selected, select desires source and target zones.

3. Press the ENT button to send.