

1. Introduction

This document provides guidelines for the installation of BK Radio's Cab Mount Handheld Control Head. Failure to adhere to these guidelines may result in diminished performance or physical damage to the control head or the radio. Installations should only be performed by BK Technologies authorized dealers or technicians.

2. General

Plan your installation carefully. Locate the radio and the Handheld Control Head within easy reach, giving the operator a clear view of the display. Please refer to KNG MOBILE RADIO INSTALLATION GUIDE (KAA0630) for installing the KNG mobile radio in the cab.

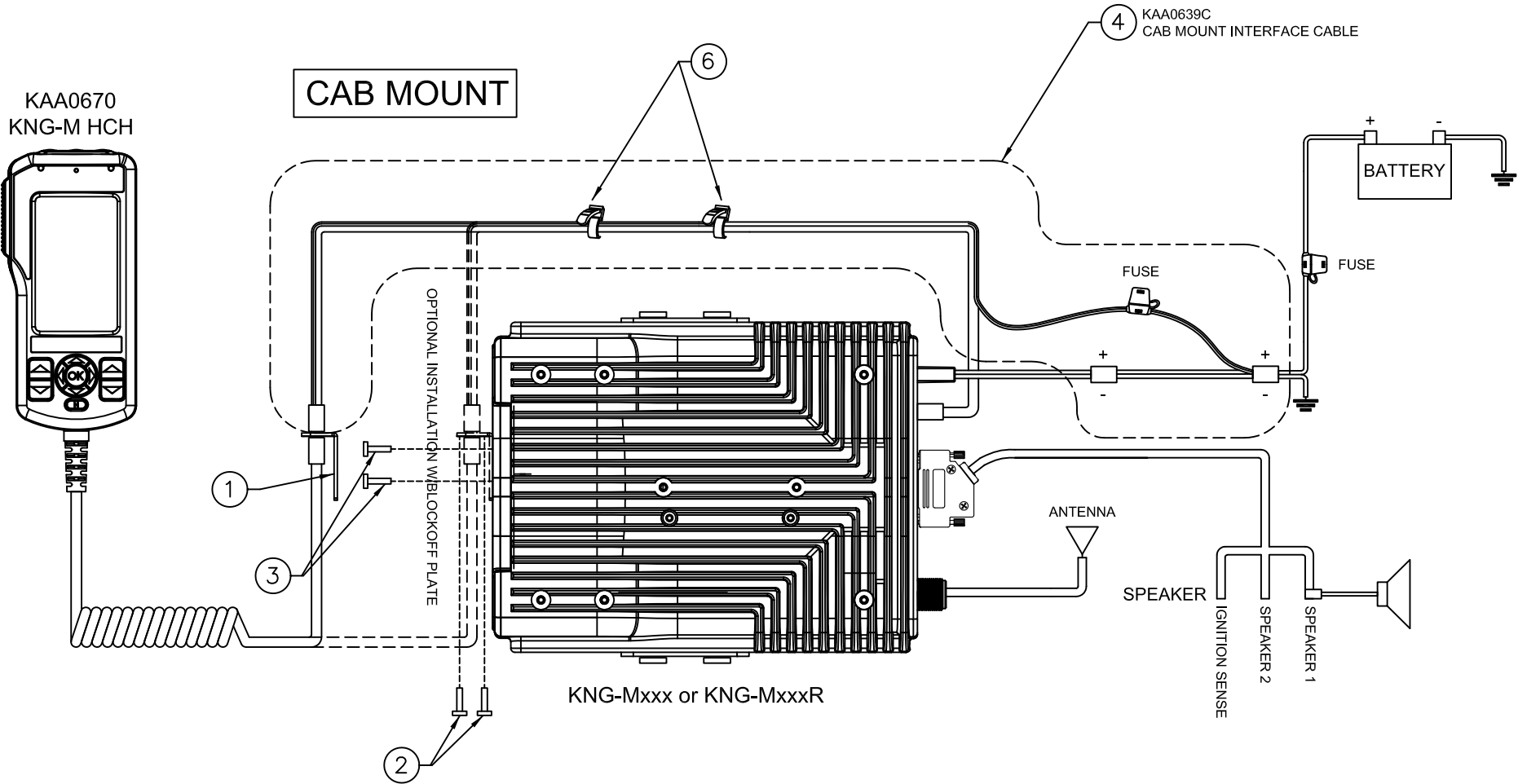
3. Recommended Installation Order

1. Install the KNG mobile using the KAA0630 installation kit.
2. Connect dc cable and the interface cable of the HCH Cable Interface Assy. (Item 4) at the back of the mobile radio.
3. Mount the Interface cable bracket (Item 1).
4. Mount the other end of HCH Cable Interface Assy. (Item 4) to the Interface Cable bracket in front of the radio.
5. Mount the Mic. Clip (Item 7).
6. Secure the HCH Cable Interface Assy. to the radio's mounting bracket with wire ties.

4. Required Parts and Tools

- Small Philips screw driver.
- Small pliers.
- KAA0630 KNG Dash mount installation kit.
- KAA0639C HCH Cab installation kit.
- Drill
- Loctite 243 or equivalent

FIGURE 1



5. Hardware Mounting and Wiring

Once the equipment location is chosen, determine the best routing for cables and wires to connect the system. Use rubber grommets to protect the wires when passing through sheet metal. Avoid any route that subjects the wire to pinching, cutting, or high heat from the engine or other vehicle components. Avoid splicing into old or existing lines.

The system must be used with a 12 volt DC, NEGATIVE GROUND electrical system.

5.1 Hardware Mounting

1. Install the Interface Cable Bracket (Item 1) in its proper place in front of the radio using the four 4-40X5/16 screws (Item 3).
2. Determine a suitable location chosen by the user to mount the Mic Clip (Item 7).
3. Drill the pilot holes using the hanger clip as a template then fasten the clip to the chassis using self tapping screws.

NOTE: If installing on KNG-M dashmount, install Interface Cable Bracket (Item 1) to the vehicle chassis.

5.2 Wiring

1. Connect the DC cable of HCH Cable Assy. (Item 4) between the KNG mobile DC pigtail and the KNG-M Power Cord Assy
2. Connect the interface cable on one of the remote ports at the back of the radio.
NOTE: If 2 remotes are being used, please refer to the Installation Options section in the KAA0670 User's Guide.
3. Mount the other end of the interface cable to the Interface Cable Bracket (Item 1) using the two Screwlocks (Item 2). Apply threadlocker Loctite 243 or equivalent prior to installation.
4. The KNG-M HCH can now be plugged into the connector mounted in the bracket.

KAA0639C – CAB MOUNT INSTALLATION KIT – PARTS INCLUDED			
ITEM	PART NUMBER	DESCRIPTION	REMARKS
1	1400-31061-500	BRACKET, INTERFACE CABLE, KNG-M HCH	—
2	2123-30998-904	SCREWLOCK, 4-40X.250 MALE, 4-40X.120 FEMALE	QTY 2 (SEE NOTE 5.2-3)
3	2807-30298-014	SCR, SIMMS, 4-40X5/16, P, PH, ST, CAD/ZN	QTY 4
4	6006-31061-100	CABLE ASSY, INTERFACE, KNG-M HCH CAB INSTALL	—
5	7005-31061-100	INSTALLATION INSTRUCTIONS, KNG-M HCH CAB	THIS DWG
6	6005-50216-805	WIRE TIE	QTY 2
7	7011-10933-000	MIC CLIP	—
8	1411-31060-200	BRACKET, HANG-UP CLIP	—