CARLINK IVU

OPERATION MANUAL

HHU CPU: 28pin 2K ROM SIZE. HT48R30A SSOP

IVU CPU: 14pin 1K ROM SIZE. PIC16F630 SOP

1. Transmitter programming: It only retain 4 transmitter programmed. If the memory is exceeded, the system will start to delete transmitters from memory in chronological order.

   2-WAY 46-BIT (HOPPING   CODE.)

   Hold SW in IVU until LED flashing (0.25" ON,0.25" OFF), you are in the transmitter programming mode. Within 5", press BTN in TX1, LED on 1"; press BTN in TX2,LED on 2"..indicating the signal have been stored into memory.

Transmitter Button	System Function	Remark
🔒	Lock Doors & Arm System	
🔓	Unlock Doors & Disarm System	
🔓 (1.5-second)	Trunk Release	Press and Hold for 1.5 seconds.
🔊	Car Locator	
🔊	Panic Function	Press and Hold for 3 seconds.
	Activate or Turn Off The Remote Start	Operate as manual

   NOTE: a. 2 code must be the same, then you can use.

   b. Example:2-WAY 46 bit, when you use. Compare with hopping code is necessary.

   c. RF DECODE :

   1. Decode as following:

   1) Each Bit must shorter than 3000us.

   2) 0000, FFFF without decode

   3)Compare Code with EEprom.

   d. exit: leave it for 5" .

2.HHU reaction

   2.1 LOCK: 1 CHIRP, LOCK ICON ON

   2.2 UNLOCK: 2 CHIRP, UNLOCK ICON ON

   2.3 TRUNK: MELODY, TRUNK ICON ON

   2.4 REMOTE START: 1 CHIRP, START ICON FLASH
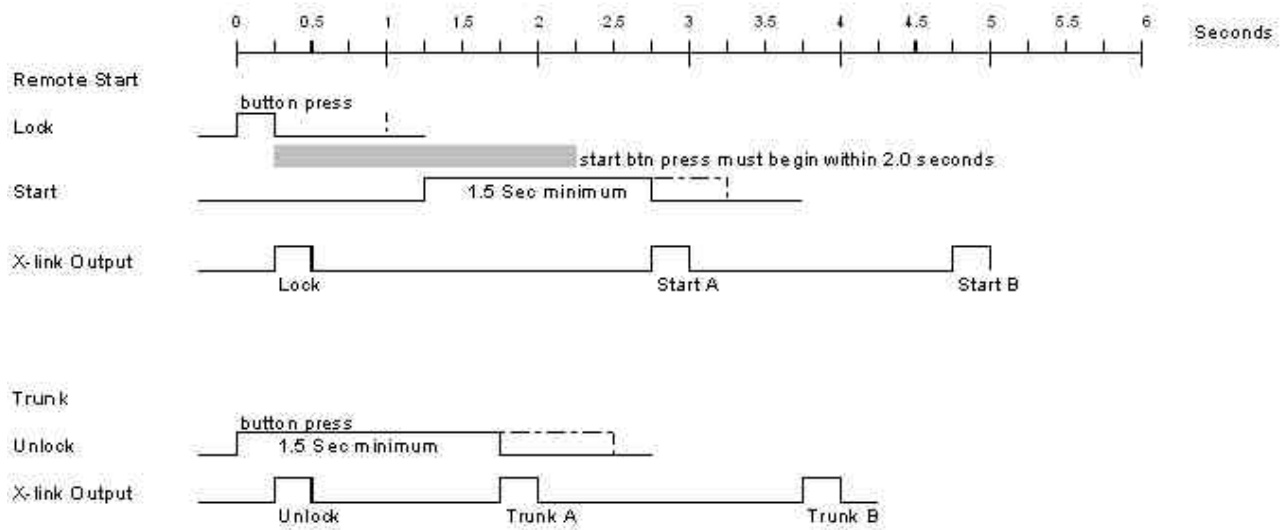
   2.5 REMOTE STOP: 3 CHIRP, START ICON OFF

   2.6 CAR LOCATOR: MELODY, CALRLOCATOR ICON ON

   2.7 PANIC: MELODY, PANIC ICON ON

3.HHU after 2",LCD OFF, it is SLEEP MODE, it doesn't accept any commend.

   REMOTE START as well.

4.Relationship between TRUNK & Remote Start :

4.1 It will send code twice while open TRUNK & REMOTE START, CODE(A) -> LOW 2" -> CODE(B)

4.2 While Remote Start, press STRAT BTN, it will Turn Off The Remote Start

5. (IVU TO X-LINK)

DBI	Digital Commands	Commands	Alarm Functions
FE44	1111 1110 0100 0100	LOCK	FUNCTION LOCK FROM REMOTE
FE90	1111 1110 1001 0000	UNLOCK	FUNCTION UNLOCK FROM REMOTE
FEB8 FE30	1111 1110 1011 1000 (A) 1111 1110 0011 0000 (B)	TRUNK	FUNCTION TRUNK FROM REMOTE
FE44 FE14	1111 1110 0100 0100 (A) 1111 1110 0001 0100 (B)	REMOTE START	FUNCTION REMOTE START FROM REMOTE
FEE4	1111 1110 1110 0100	REMOTE STOP	FUNCTION REMOTE STOP FROM REMOTE
FED8	1111 1110 1101 1000	CAR LOCATOR	FUNCTION CAR LOCATOR FROM REMOTE
FED4	1111 1110 1101 0100	PANIC	FUNCTION PANIC FROM REMOTE

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions.
1) This device may not cause harmful interference, and
2) This device must accept any interference received, including interference that may cause undesired operation.

Per FCC 15.21, you are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.