

# BISS Key Manual (for 8000HD series) Apr 15, 2015

## 1. How to find the key code menu

Press the **OK** button to get all the scanned channel list and then select the Biss channel you want to decode . Then press the info **(i)** button. You will find the **BISS/Direct Key** menu including the 8 digit key pad.

## 2. Search the keys

Call the channel provider or search to get the 8 digit hex type keys. Type these 8 keys by using the remote number and alphabet buttons. Then select **SAVE** and press the **OK** button. If the keys are right, the channel will be decoded.

## 3. How to convert 6 keys to 8 keys

If the keys are only 6 keys, you have to convert to 8 keys. Convert 1st, 2nd and 3rd key to a decimal value and add the 3 numbers. Then convert this added decimal value to the hex value. That will be the 4th key. Following the same process convert 4th, 5th and 6th key to a decimal value and add the 3 numbers. Then convert to hex value which will be 8th key. If the converted hex value has 3 digits, remove the 1st digit and use the 2nd and 3rd digit only as a key. For example if it is **23F** , the key will be **3F**.

\*\*\*\* Search google to get the **Hex/Decimal** convert chart.

\*\*\*\* If the keys are 12 or 16, the 1st half and 2nd half will be exactly the same keys. Therefore disregard the 2nd half and use the 1st half only.

## 4. Convert example

**Example 1) Biss key : 01 23 45 67 89 12**

01 has to be converted to decimal 1, 23 to decimal 35, 45 to decimal 69. Add these 3 decimal numbers  $1+35+69$  for a total of 105. Convert this 105 to hex 69. **69** will be the 4th key. 67 to decimal 103, 89 to decimal 137, 12 to decimal 18. Add these 3 decimal numbers

103+137+18 for a total of 258. Convert this 258 to hex 102. Remove 1 and use remaining value 02. **02** will be the 8th key. Final applicable Biss 8 keys: **01 23 45 69 67 89 12 02**

**Example 2) Biss key: E6 FA FC 0F 56 BA E6 FA FC 0F 56 BA**

E6+FA+FC converted to decimal value and add  $230+250+252=732$ . Convert 732 to hex 2DC. Remove 2 and adapt remaining value DC. **DC** will be 4th key.

0F+56+BA converted to decimal value and add  $15+86+186=287$ . Convert 287 to hex 11F. Remove 1 and adapt remaining value 1F. **1F** will be the 8th key. Final Biss 8 keys: **E6 FA FC DC 0F 56 BA 1F**

\*\*\*\*\*Should you have any question, please call 818-768-5494 or e-mail [linkboxusa@gmail.com](mailto:linkboxusa@gmail.com).