



## Channel Locker User Manual



All the specifications are subject to change without any further notice. All rights are reserved.

Address: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, P.R. China  
Website: [www.dsdrv.com/English](http://www.dsdrv.com/English) Telephone: +86-028-85558928 Fax: +86-028-85585255 Email: [sunyu@dsdrv.com](mailto:sunyu@dsdrv.com)

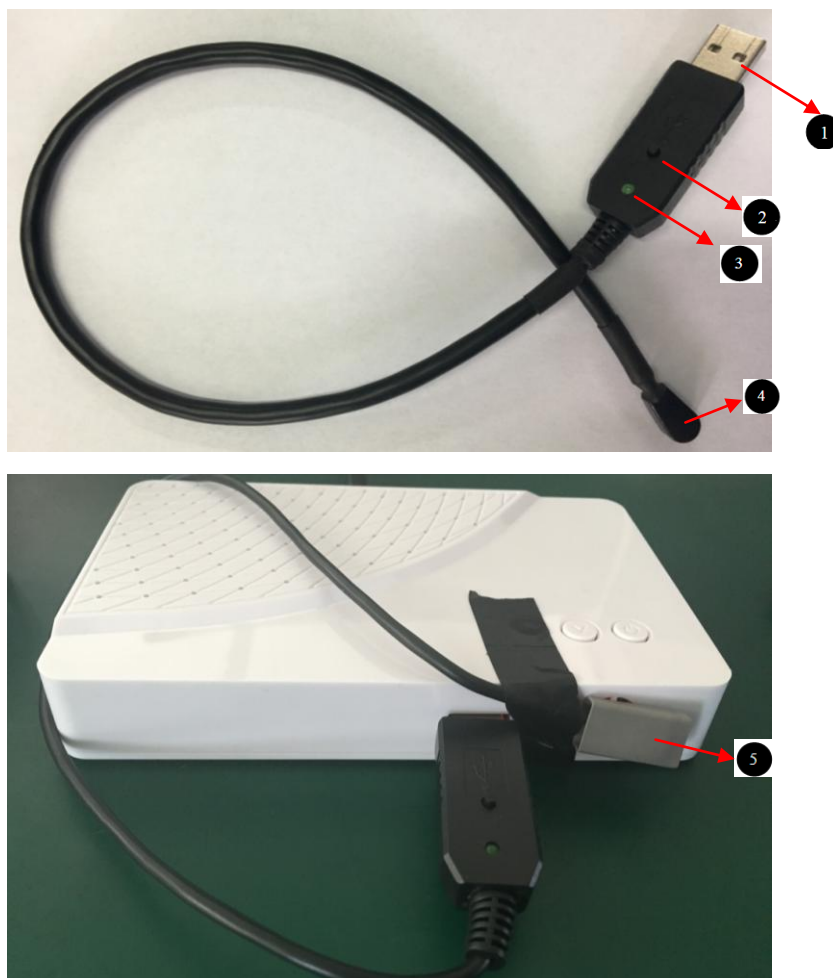
## 1. Introduction

Dexin Channel Locker is a cable about 45 cm which is combined with USB port and infrared probe. It is suitable for those headends with many STBs as signal source and often reboot due to such as electricity off.

### Features:

- Applicable to all STBs
- Easy operation
- Learn max 10 keys on remote control
- Support learn type on remote control : Channel, volume, menu and all the keys on remote control
- Add 5 sending intervals to adapt the infrared reflect speed of STB

## 2. Appearance and description



1	USB port: connect to STB to supply power for Channel Locker
2	Button: press it to clean historical data and go to learning status
3	LED Indicators
4	Infrared probe: send infrared signal to STB
5	Infrared probe cover: to stop leaked IR

### 3. Operation

1. Connect USB port with STB to supply power for the Channel Locker, and the infrared probe should be close to STB as Figure-1 for learning better. Power on STB.



Figure-1

2. Press the button within 2 minutes after power on STB, and wait for a few seconds, the LED indicator turns green which means channel locker cleans historical data and goes to learning status. (Channel Locker will lock the corresponding infrared learning types according to press times.) Do not have infrared signal interference after pressing the button, including touch the infrared probe or infrared probe wire, to reduce the error of learning.
  - To adapt the infrared reflect speed of STB, we set 5 infrared learning types according to press times. e.g. press button one time, it goes to type 1, if STB reflects too quickly and locker can't learn normally, users need to reboot STB and continuously press 2 times goes to type 2..., prolong the sending interval in turn (sending interval: the sending time from locker's infrared signal to STB).

**For example, we want to learn CCTV7, the channel number is 123.**

3. Under the status of LED indicator keep green, hold the STB's remote control to be learned against the infrared probe at 10-20mm distance (as Figure-2), and press the key "1" on the remote control, the LED indicator blinks 2 times indicating learning successfully. And then press the key "2", the LED indicator blinks 2 times, press the key "3", the LED indicator blinks 2 times. (please press the key to be learned within 5 seconds. If exceed 5 seconds, channel locker will learn Key "1" or "2" finally)

If learning fails, the LED indicator will blink 1 time or keep green and users need to repeat learning.

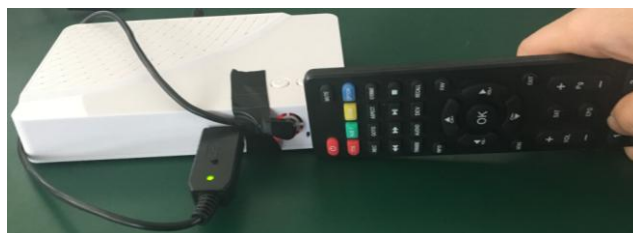


Figure-2

4. After finishing the learning process, reboot STB and Channel Locker to check whether the STB fix on the needed channel No 123. When we reboot STB and TV, it still displays the first program of STB, but please waiting for a few seconds, it will turn to channel No 123.
5. When learning succeeds, please use a cover as below on infrared probe to stop leaked IR, and then learn the next STB with other channel locker.

Infrared probe has two sides (convex side and flat side) as Figure-3. A hole on cover should face to the flat side as Figure-4, and the other side on cover faces to convex side as Figure-5. The flat side of infrared probe also should be close to IR area of STB as Figure-6.



Figure-3



Figure-4



Figure-5



Figure-6

**Notice:**

1. Users can learn max 10 keys on remote control.
2. The waiting time of the first infrared learning should be within 5 minutes from Channel locker power on; Except for the first learning, the learning process will end automatically if the waiting time for infrared learning exceeds 2 minutes.
3. Users need to learn one by one if there are many same STB in the same location to avoid leakage from a channel locker controlling the wrong STB.