

❖ For DiSEqC 1.0 Receiver

1. For DiSEqC 1.0 Receivers, they can control up to 4 positions.

Position	1	2	3	4
LNB	1	2	3	4
LNB	A	B	C	D

The table is for your reference only. The operation might be different for different receivers. For example, some receivers call position 1 ~ 4 as **LNB1, 2, 3, 4** or **DiSEqC A, B, C, D**. Please refer to the manual of your receivers.

- In order to avoid confusion, the positioner will ignore the DiSEqC 1.0 commands after receive the DiSEqC 1.2 commands. It can recognize the DiSEqC 1.0 commands again after unplug from AC for more than 5 seconds.
- The optional Remote Control is not necessary for DiSEqC 1.0 receivers. However, the optional Remote Control is strongly recommended for the following reasons: 1) Easier Operation. 2) More positions (from 4 to 60).

The following is the operation without remote control. If you have the optional remote control, please refer to chapter ❖ **For any Receiver**

* **Store the Satellite Positions:** Operate via the 3 Manual buttons

- Drive the Actuator East / West via the manual East / West until the picture on the TV screen is clear.
- Press the Power / Store button for 5 seconds, the LED will show "C01".
- Press Up / Down buttons to choose the sat. no. you want to store: C01~C60.
- Press Store button for confirmation within 3 seconds, the LED will show P01 ~ P60.

Repeat Step 1 to 3 to set up all the satellites you prefer. However, for DiSEqC 1.0 receivers, only P01~P04 can be used.

* **Recall a Satellite Position:**

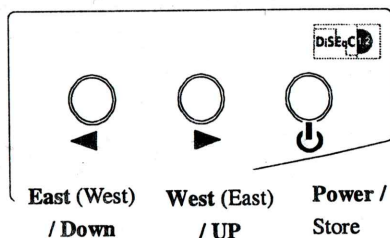
Change the DiSEqC 1.0 setting of the channels. The positioner will drive the dish to the right Satellites while you change the channel. The Display will show "P01" ~ "P04"

* **Restore Factory Default (Reset):**

This function will clear all data in the Positioner, includes High/Low Limits, Satellite Positions, ..., etc.

Unplug from the AC outlet. Press the Power button on the top of the positioner and re-plug to the AC outlet. Keep pressing the Power button for 3 seconds. The Display will show 10, 9 ... 1, then reset the system. **To stop the Reset process, unplug from the AC outlet before counting to 1.**

Manual Buttons



❖ Troubleshooting

Symptoms	Check points
Can't work with DiSEqC 1.0 Receiver	<ol style="list-style-type: none"> Make sure position no.1 to 4 are stored. After receive DiSEqC 1.2 commands, the DiSEqC 1.0 commands will be ignored. Please operate the positioner by DiSEqC 1.2 receiver, which is much better for motorization system.
Can't move to count less than 0 or more than 999.	The total position index of this Positioner is 2000 (0~1999), which is enough for most of the application. Use "Goto Position 0" Function to solve.
The Stored Positions are not correct.	<ol style="list-style-type: none"> Try to use the "Re-calculate(Adjust Shift) function" to correct the position first. If it happens again and again, please replace the Reed Sensor to check if the Sensor is stable.
The LED shows - or - , and can't move more.	The symbols mean Electrical Limits, which have been set. If you want to cancel this setting, use the "Limit Off Function" from the receiver. And set the software limit again.
Er1 Message (Over Current) Or System Shut-down	<ul style="list-style-type: none"> Make sure there is no short-circuit of the wire connection. Check if the Antenna is blocked by anything. Make sure the Motor works well. Some times a malfunction Motor can cause higher current. Maybe the Antenna is too heavy. Please try to use our high-power version.
Er2 Message (No Pulses)	<ul style="list-style-type: none"> Re-check the wire connection. Make sure the actuator is not stopped by Mechanical Limit. Check if the Reed Switch Sensor is broken. Check if the Motor is broken.
Er3 / Er4 Message (Internal Error)	<ul style="list-style-type: none"> Reset the positioner
Only the LED lights on and the Positioner doesn't work. (No response)	<ul style="list-style-type: none"> Unplug the AC Power Cord from the AC outlet. Wait for more than 10 seconds then re-plug. This problem might be caused by the unstable AC power. In order to protect the stored data, the Positioner will lock itself under this situation. A voltage regulator might help.
Turn-Off Automatically	The Display will be turned-off while LNB power is off.
Can't be Turned-off by optional Remote Control or manual Power button.	If the LNB power of receiver is switched-on, the positioner can't be turned-off.