

# F-LB61-CWDM-TxRx

## Quick Setup Guide

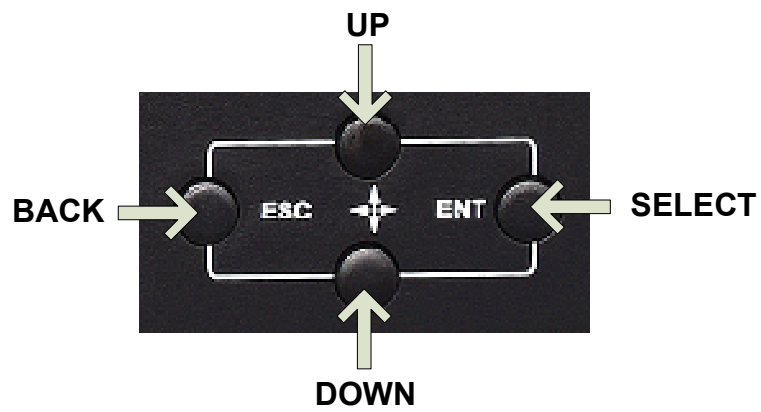
### Step 1: Connect Power

Connect included power supplies

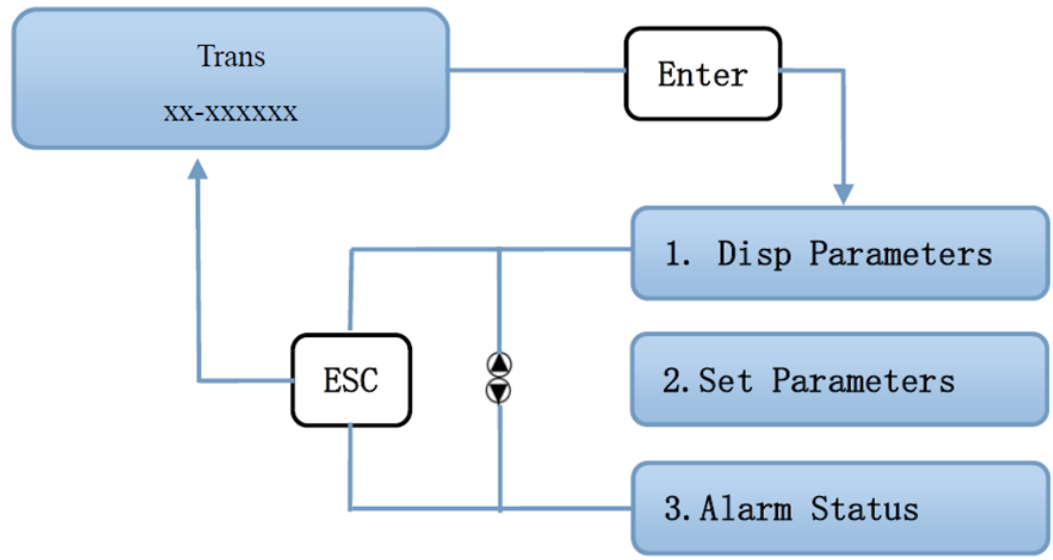


### Step 2: Main Menu

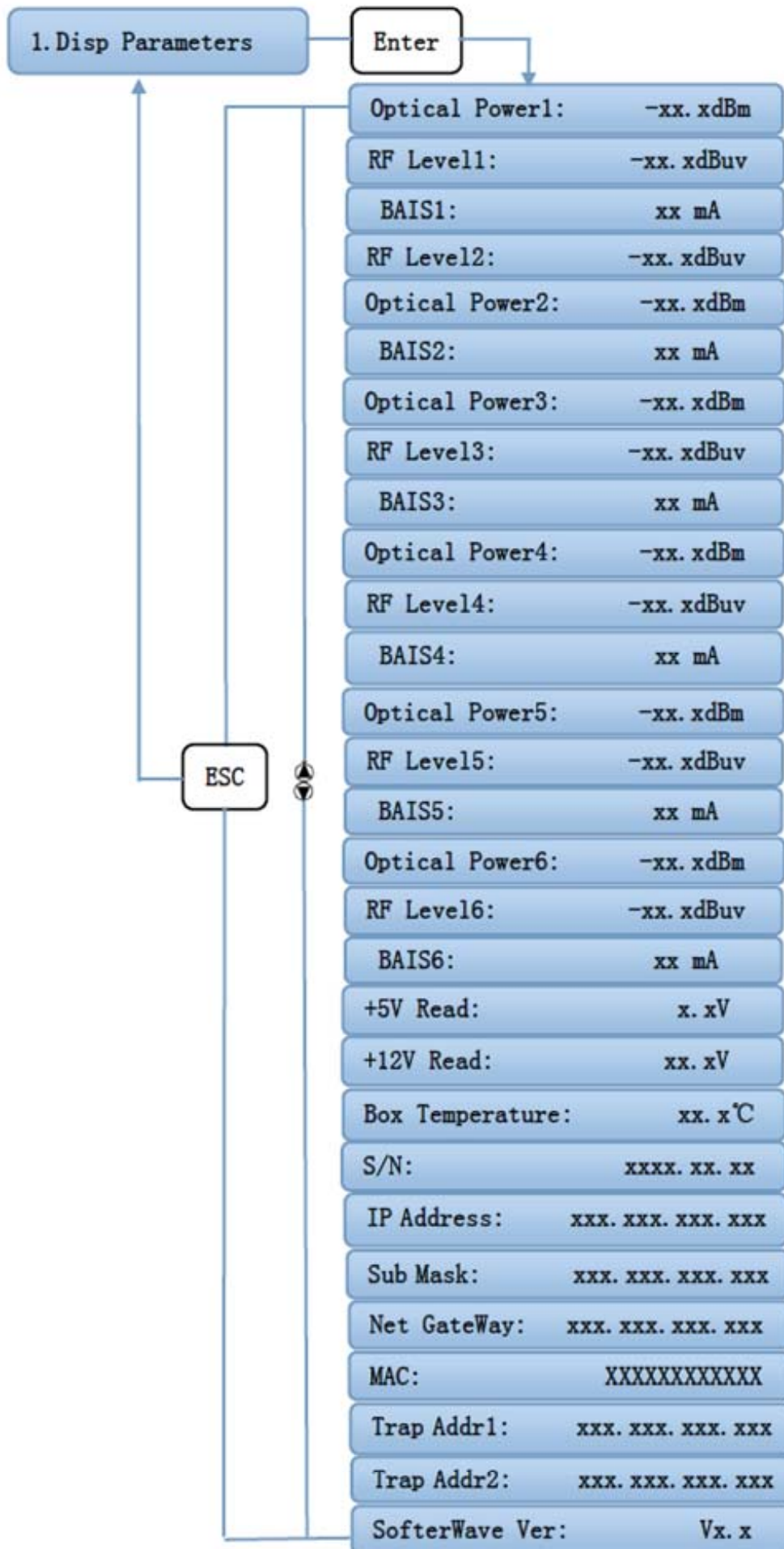
Press "ENT" button to enter Main Menu



Navigate to option "1. Disp Parameters" and press "ENT" button to select



### Step 3: Disp Parameters

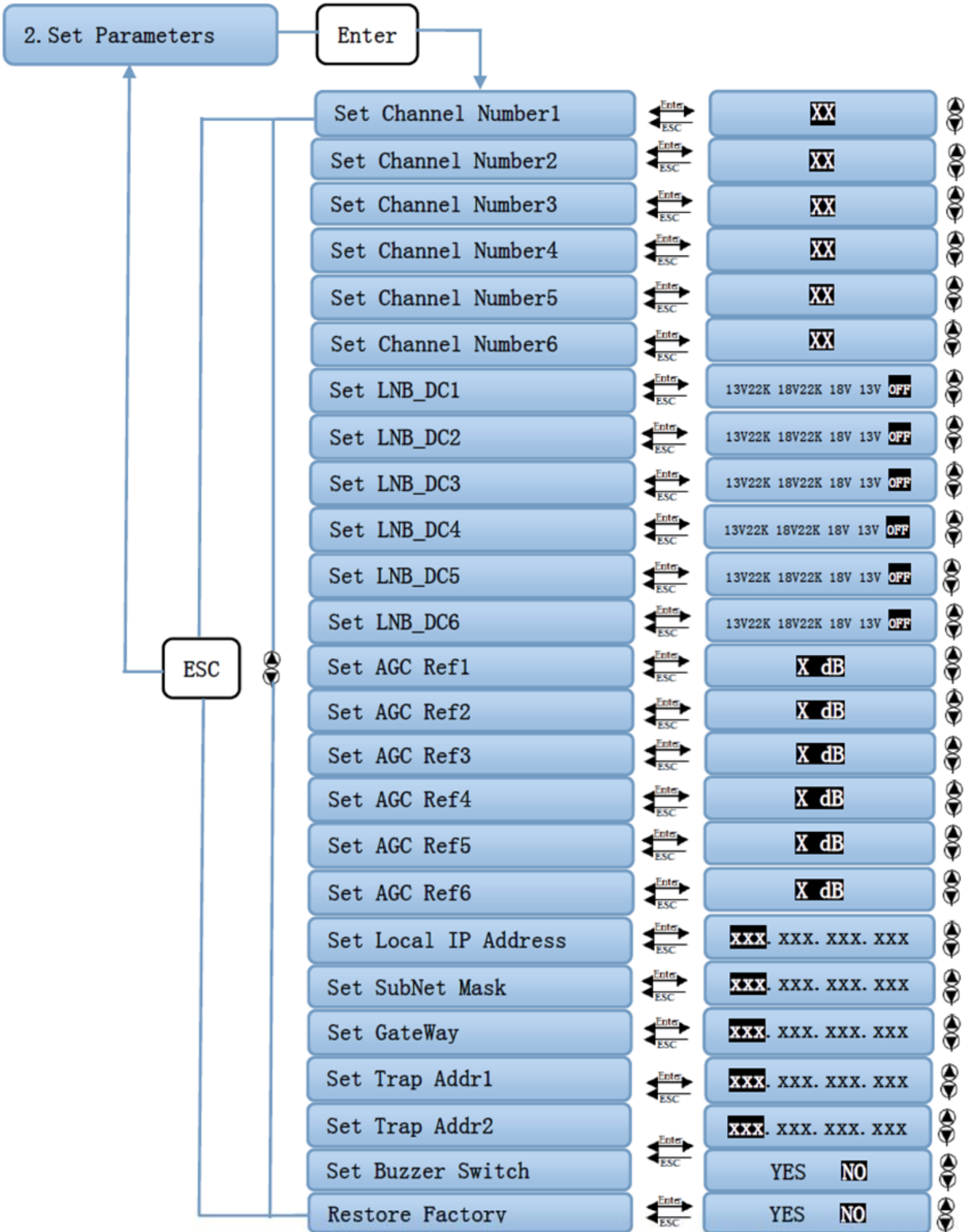


**Step 3: Disp Parameters (Continued)**

<b>Display parameters</b>	<b>Description</b>
<b>Optical Power1</b>	Path 1 optical output power
<b>RF Level1</b>	Path 1 input level
<b>BAIS1</b>	Path 1 laser bias current
<b>Optical Power2</b>	Path 2 optical output power
<b>RF Level2</b>	Path 2 input level
<b>BAIS2</b>	Path 2 laser bias current
<b>Optical Power3</b>	Path 3 optical output power
<b>RF Level3</b>	Path 3 input level
<b>BAIS3</b>	Path 3 laser bias current
<b>Optical Power4</b>	Path 4 optical output power
<b>RF Level4</b>	Path 4 input level
<b>BAIS4</b>	Path 4 laser bias current
<b>Optical Power5</b>	Path 5 optical output power
<b>RF Level5</b>	Path 5 input level
<b>BAIS5</b>	Path 5 laser bias current
<b>Optical Power6</b>	Path 6 optical output power
<b>RF Level6</b>	Path 6 input level
<b>BAIS6</b>	Path 6 laser bias current
<b>+5V Read</b>	+5V monitor voltage
<b>+12V Read</b>	+12V monitor voltage
<b>Box Temperature</b>	Box temperature
<b>S/N</b>	Serial number
<b>IP Address</b>	IP address
<b>Sub Mask</b>	Subnet mask
<b>Net GateWay</b>	Gateway
<b>MAC</b>	MAC address
<b>Trap Addr1</b>	Trap1 address
<b>Trap Addr2</b>	Trap2 address
<b>SofterWave Ver</b>	Software version number

Step 4: Set Parameters

From the main menu, navigate to option "2. Set Parameters" and press "ENT" button to select

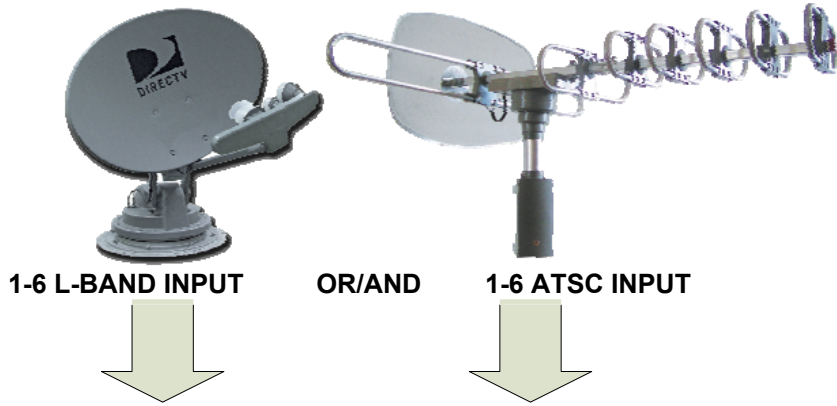




**Step 4: Set Parameters (Continued)**

<b>Display parameters</b>	<b>Description</b>	<b>Remark</b>
<b>Set Channel Number1</b>	Set the channel number of path 1	Range 1~200
<b>Set Channel Number2</b>	Set the channel number of path 2	Range 1~200
<b>Set Channel Number3</b>	Set the channel number of path 3	Range 1~200
<b>Set Channel Number4</b>	Set the channel number of path 4	Range 1~200
<b>Set Channel Number5</b>	Set the channel number of path 5	Range 1~200
<b>Set Channel Number6</b>	Set the channel number of path 6	Range 1~200
<b>Set LNB_DC1</b>	Set the satellite LNB supply voltage of path 1	“13V22K” means 13V power supply and load 22K AC signal; “18V22K” means 18V power supply and load 22K AC signal; “18V” means 18V power supply; “13V” means 13V power supply; “OFF” means turn off power supply.
<b>Set LNB_DC2</b>	Set the satellite LNB supply voltage of path 2	
<b>Set LNB_DC3</b>	Set the satellite LNB supply voltage of path 3	
<b>Set LNB_DC4</b>	Set the satellite LNB supply voltage of path 4	
<b>Set LNB_DC5</b>	Set the satellite LNB supply voltage of path 5	
<b>Set LNB_DC6</b>	Set the satellite LNB supply voltage of path 6	
<b>Set AGC Ref1</b>	Set the AGC attenuation of path 1	Range +7~-7
<b>Set AGC Ref2</b>	Set the AGC attenuation of path 2	Range +7~-7
<b>Set AGC Ref3</b>	Set the AGC attenuation of path 3	Range +7~-7
<b>Set AGC Ref4</b>	Set the AGC attenuation of path 4	Range +7~-7
<b>Set AGC Ref5</b>	Set the AGC attenuation of path 5	Range +7~-7
<b>Set AGC Ref6</b>	Set the AGC attenuation of path 6	Range +7~-7
<b>Set Local IP Address</b>	Set IP address	
<b>Set SubNet Mask</b>	Set subnet mask	
<b>Set GateWay</b>	Set gateway	
<b>Set Trap Addr1</b>	Set trap1 address	
<b>Set Trap Addr2</b>	Set trap2 address	
<b>Set Buzzer Switch</b>	Set the buzzer switch	YES is on, NO is off
<b>Restore Factory</b>	Restore factory settings	

**Step 5:  
Connections  
(Example)**



1-6 L-BAND OUTPUT OR 1-6 ATSC OUTPUT

DIRECT TV  
Single Wire  
Multi-switch  
(SWM)



**DANGER:**  
The fiber carries invisible laser radiation. **AVOID DIRECT EXPOSURE TO BEAM.** Never operate the unit with a broken fiber or with a fiber connector disconnected.

**IMPORTANT:**

It is very important to interface our unit with SC/APC - Angle Polished Connector to avoid any light reflections.

If your fiber is terminated with the SC, ST, FC /PC flat connector, you need to use an optical jumper from PC type to SC/APC for proper conversion.

Scan for more info:

