

## General introduction

### Overview

ZCA-30, Type indoor CATV amplifier designed by our company are new types of CATV amplifier. They suit for 860MHz HFC network with high performance, reliability and low price.



### Usage of the machine

#### Switching on the power supply

Before connecting the plug to the 220V power supply, you must. Ensure to the machine box to be well grounded in order to avoid the apparatus be damaged by the static, such as the module, etc.

#### Adjusting the output level

After putting through 72dB V CATV signal level at the input port, you may use the field intensity instrument to measure the intensify, then adjust the attenuator ATT to make the output level reach 102dB V, which is the amplifiers rating signal level. If the high-frequency signal reduced in the course of transmitting, you may adjust the variable equalizer EQ to get a suitable equalization.

**Caution:**

- This product is for indoor machine, should be placed on ventilated dry place;
- This product can not be exposed to dripping and splashing water, environment, and objects such as vases filled with water and can not be placed on top.
- The product should be a reliable ground cover to prevent damage by lightning and abnormal high pressure.
- Non-professionals do not arbitrarily open the lid, otherwise it will result in bodily injury.
- This product only allows professional and technical personnel in the installation, maintenance and repair; otherwise it will result in personal injury and machine damage.
- The machine is in working condition; do not open the shell, so as to avoid causing harm to life.
- This product can not be recovered.

Item Forward	
Frequency Range	45-860mHZ
Gain	30dB
Flatness	1.0, 54-860mHZ
Gain Control Range	10dB
Return Loss	-15dB min
Tilt Control Range	10dB
CSO	70dB
CTB	61dB
Monitor	140x250x65mm/0,96kg