

MPEG-2 Transport Stream Audio AGC

TS-AGC is a controller which can gain control automatically the different audio signals of MPEG-2 transport stream ,from various programs. With our own patented technology, it can gain control the audio signals directly, that means it changes the traditional method--the digital signals should at first be decoded to adjust and then be encoded to restore. The signals processed by TS-AGC will meet the ISO/IEC 13818/11172, DVB-C ETSI/EN 300 429. What is more, TS-AGC can preview the programs conveniently because it provides two-output. Stable and reliable performance of the product enable it can be widely used in broadcasting network.

- Gain control the audio signal directly ensure the quality of the original signal.
- Gain control 8 audio signals of 1 frequency point at the same time automatically or manually.
- 188 or 204 packets I/O of the TS supportable.
- 2 ASI signals output.
- Push-button audio muting.
- Push-button bypass and power bypass.
- RS232 or RS485 for remote control operation.
- With Network Console.
- Can process audio signals more using cascade way.
- Button are covered to avoid operational errors unexpected.



Physical Features & Environmental Req.

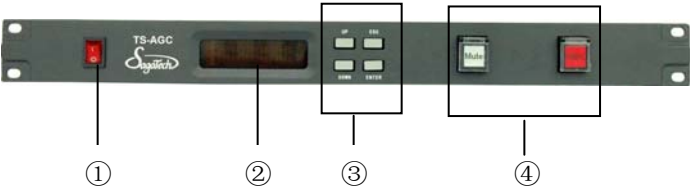
Input Connector	BNC
Output Connector	BNC × 2
AC Input	220V/50Hz
Power Consumption	20W
Operating Temp.	0~40°C (32~104 °F)
Moisture	5~95% (non condensing)
Dimension (W×H×D)	427mm × 44mm × 325mm
Weight	4 Kg

Follow the Standard

- GB/T 17975.1-2000
- ISO/IEC 13818/11172
- DVB-C ETSI/EN 300 429
- GY/T 146-2000
- GY/T 148-2000
- GY/Z 174-2001

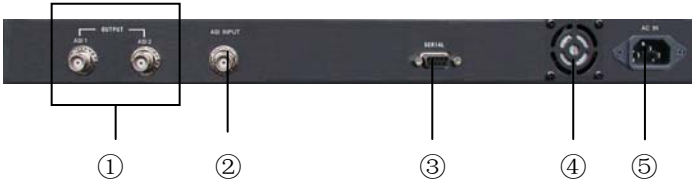


Front Panel Description



- ① Power & Power Light
- ② LCD Displaying information.
- ③ Function setup Button(SELECT)
 - ENTER Confirm and enter into next steps.
 - ESC Cancel or correct the current command.
 - UP Add or step to the next command line.
 - DOWN Subtract or step to the previous command line.
- ④ Special Function Button
 - Mute Mute the audio output.
 - Bypass Bypassing the MPEG-2 Transport Stream.

Back Panel Description



- ① OUTPUT
 - ASI 1 ASI signal output with bypassing.
 - ASI 2 ASI signal output without bypassing.
- ② INPUT
 - ASI ASI signal input terminal.
- ③ Remote Interface(options)
 - RS232 or RS485 remote control interface.
- ④ Fan
- ⑤ Power Supply Interface

Diagram of TS-AGC used in CATV system

