

12 bits natural image for subjectivity evaluation

21 kinds of lineups of a natural image for subjectivity evaluation of 12 bits correspondence newly. (except PC format)



It prepares for the natural image as well the TG35 series

The attachment software of TG45AX is able to convert TG35 format to TG45AX format of the natural image.



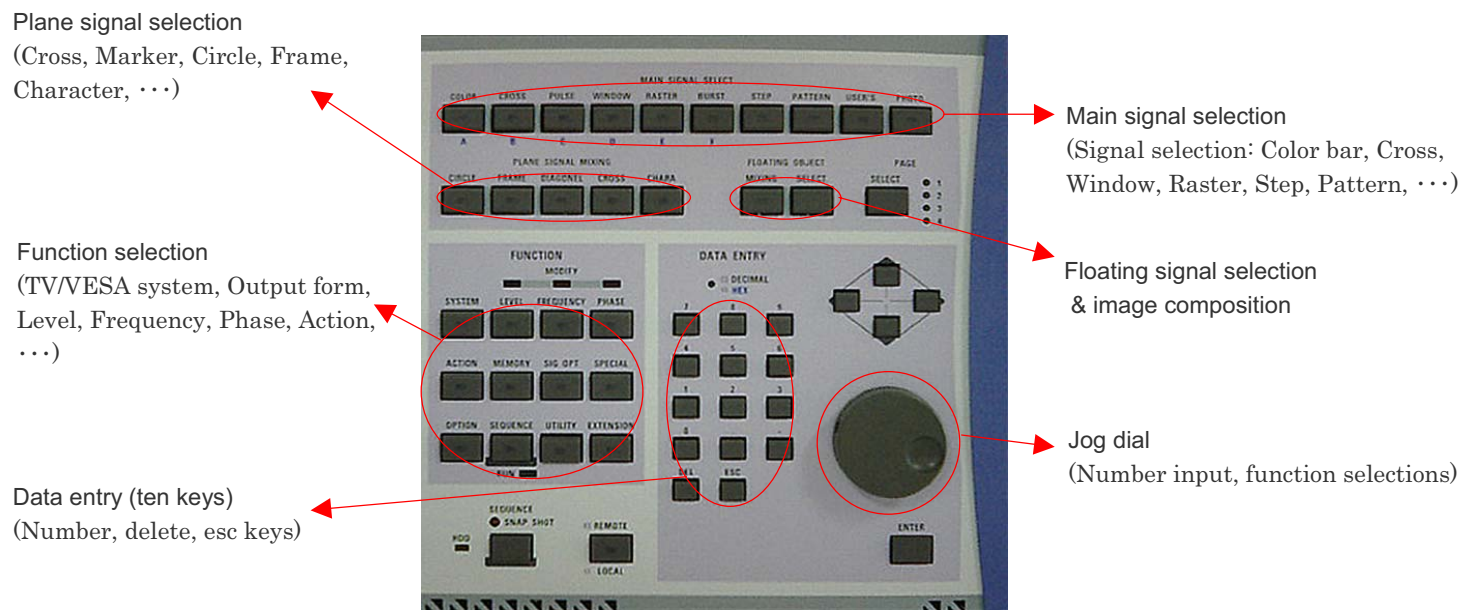
**TG45AX** New

**Test Signal Generator**

Features

- Multi-format correspondence**  
SDTV: NTSC / NTSC4.43 / PAL / PAL-M·N / PAL-60 / 525p / 625p  
HDTV: 1035i / 720p / 1080i / 1080p etc. Total 26 formats (BTA S-001 / SMPTE 274M·RP211·296M)  
VESA: The analog PC display signal output which was based on Ver. 1.0, Rev. 0.8.
- Abundant output form**  
Analog output: Y / Pb / Pr, G / B / R, Y / C ⇔ VBS (selectable)  
Analog PC display signal output: 15 pins Dsub connector  
Parallel digital output: G / B / R 12 bits, dot clock: single 10 to 100 MHz, Dual: 20 to 200 MHz  
CLOCK output & USER PORT (trigger signal output) equipment  
Drive signal: SYNC / BB, HD, VD, FP, C.FRAME  
SD / HD-SDI output: TG45AX001 (option)  
HDMI output: Ver. 1.1 / CEA-861B 34 formats, TG45AX003 (option)
- 12 bits test patterns**  
Supports more than 50 kinds of test patterns, or more than 20 kinds of natural images & resolution charts for subjectivity evaluation
- Various parameters variable function**  
Level variable: Level setting every each analog output setting 0% to 200% / output channel  
Frequency variable: Line frequency, field frequency, line number, dot clock frequency  
Phase variable: Line numbers perpendicular to signal width, phase, PC synchronization in the same period the number of the level dots  
BURST signal position width variable (only as for SDTV)  
Each signal option: WINDOW signal width, phase, level setting

Control panel view

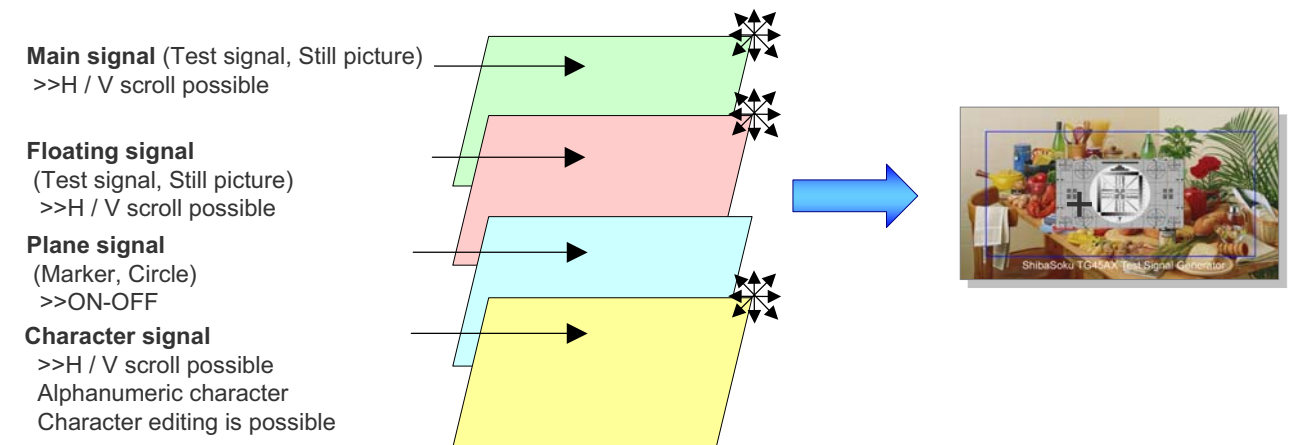


General Specifications

Operating temperature range: 5 degrees C to 35 degrees C  
Relative humidity: 25% to 90% RH (non-dewy)  
Power supply: AC90 to 130 V/180 to 250 V, 50/60 Hz  
Power consumption: Approx. 500 VA  
Dimensions: 426 (W) x 199 (H) x 510 (D) mm  
Weight: Approx. 20 kg  
Accessories: Power code (1 pc), 3P-2P conversion connector (1 pc), Operating manual (1 pc)

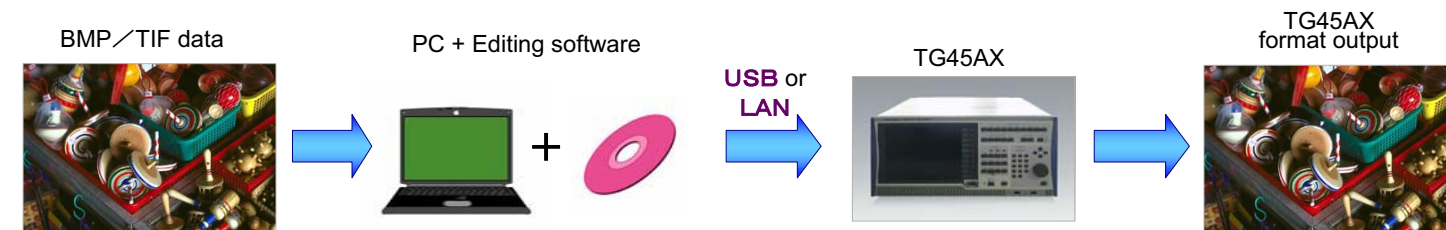
New functions

Image composition & scroll function



It converts image data owned by a user into a TG45AX format and output

It converts BMP / TIF data into a TG45AX format by attached editing software and can output it. User original picture evaluation effective inflection of image assets is possible.



Spikes-shaped noise excellence and a para-H / V Sag addition function

Margin characteristic evaluation such as analog input departments is enabled by spikes noise, H / V sag addition signal quantitatively a level timing if variable.

