

Frame Synchronization Generator

SG-SYNC16

Specifications Document

Ver 1.0



▲ Physical reference

Product Introduction

SG-SYNC16 Frame Synchronization Generator supports 16 channels of BB signals or tri-level signals output, or supports one channel of BB signal input and 16 channels of BB signal output. SG-SYNC16 Frame Synchronization Generator is a high-quality sync signal source in studios, broadcast systems, and virtual systems, and is an essential device in sync systems.

Key Features

- ★ 16-channel sync signal output
- ★ Optional black burst color bars
- ★ Supports external phase locking
- ★ Supports gain control
- ★ External redundant adapter power, safe and reliable
- ★ Board comes with LED indicator lights, displaying signal status information in a visual way

Product Display



Technical Parameters (Synchronous Signal Output)

Signal Standard: SMPTE170M, ITU624-2

Standard : PAL, NTSC

Connector: BNC 75 ohm

Quantity : 16

Signal Input Amplitude: 1000mV±10%

Reflection Loss: >40 dB, 0.1MHz to 6MHz

Differential Gain: <0.5%

Differential Phase: <1%
