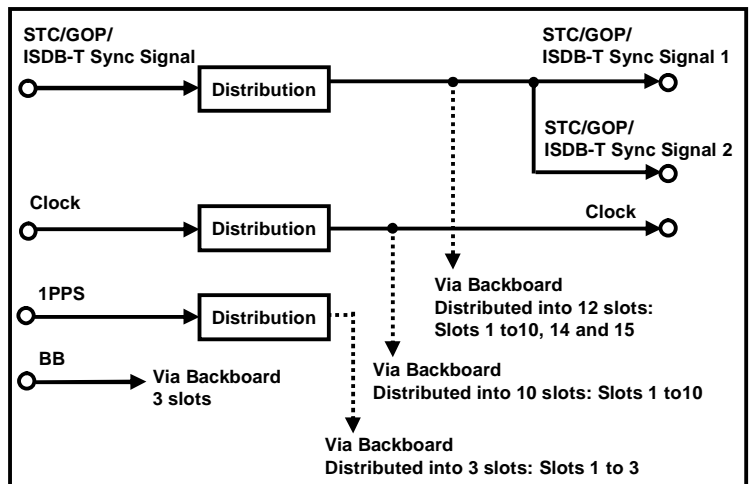
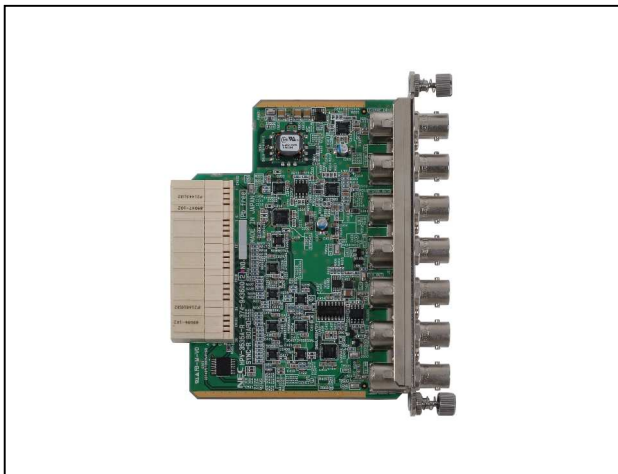


XF7-SY30-R

Sync Signal Distribution Board

XF7-SY30-R is a signal distribution board to distribute STC/GOP/ISDB-T frame sync signal, clock signals, 1PPS, and black burst signal.



Features

STC/GOP/ISDB-T-frame sync signal distribution

In order to synchronize STC/GOP/ISDB-T-frame signals of individual boards, this board distributes these signals into the individual slots (Slots 1 to 10, 14 and 15).

Clock signal distribution

In order to synchronize clock signals of individual boards, this board distributes these signals into the individual slots (Slots 1 to 10).

1PPS distribution

In order to synchronize 1PPS signals of individual boards, this board distributes these signals into the individual slots (Slots 1 to 3) in the aggregated frame.

Black burst signal distribution

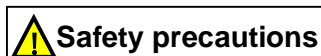
This board distributes a black burst signal into the front board.

XF7-SY30-R Sync Signal Distribution Board

Specifications

Input signal	(1) STC/GOP/ISDB-T-frame sync signal MPEG2-TS, DVB-ASI	1 channel (*1)
	(2) ISDB-T system clock signal or 10 MHz clock signal 0.8 Vp-p/75 , Frequency accuracy: ± 0.1 ppm	1 channel
	(3) One-second pulse signal TTL/75 , Frequency accuracy: 1 Hz ± 0.1 ppm	1 channel
	(4) Black burst signal RS170A	1 channel
Output signal	(1) STC/GOP/ISDB-T frame sync signal (for monitor) MPEG2-TS, DVB-ASI	2 channels (*1)
	(2) ISDB-T system clock signal or 10 MHz clock signal (for monitor) 0.8 Vp-p/75 , Frequency accuracy: ± 0.1 ppm	1 channel
Operation temperature	0 °C to 40 °C	
Power supply	85 to 264 V AC, 50/60 Hz single phase	
Power consumption	10 VA or less	
External dimensions	10(H) x 116(W) x 100(D) mm	
Weight	500 kg or less	

- *1 (1) Inputs the output ISDB-T Sync Signal Generator (TS-G1630).
 (2) Compliant with 188 byte format, packet mode.



Safety precautions

To install, make connections and operate this product, please carefully read and observe instructions, precautions and recommendations in our instruction manuals.

The colours in this brochure may differ from those of the actual unit. Designs and specifications of this product is subject to change without prior notice.

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ISO 9000 Series

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