

SONIFEX

Redbox
Synchronisation Add-On Boards

Catalogue ²⁰¹⁶





Synchronisation Add-On Boards

There are four optional synchronisation boards which can be used with the RB-SC2 and RB-TGHD(B & X) to synchronise the outputs to analogue video (RB-SYA), digital video (RB-SYD), AES/EBU audio (RB-SYE) and word clock (RB-SYW) respectively.

RB-SYA Analogue Video Sync Board

The Analogue video sync board will accept a composite signal of NTSC (525), PAL (625) & SECAM (625) signals covered by SMPTE-170-M (NTSC) and ITU-R BT.470-6 (PAL & SECAM).



RB-SYA Analogue Video Sync Board For RB-SC2 (PAL, NTSC, SECAM).

RB-SYD Digital Video Sync Board

The Digital video sync board will accept 270Mbps SD-SDI and HD-SDI signals covered by SMPTE-259-M-C (SD) and SMPTE-292M (HD).



RB-SYD Digital Video Sync Board For RB-SC2 (HD-SDI, SD-SDI).

RB-SYE Audio Sync Board

The AES/EBU sync board can be used to synchronise the outputs of the RB-TGHD(B & X) and can accept a digital audio input signal with a sample frequency between 32kHz and 192 kHz. When using the RB-SYE sync board, the Channel Status information that is encoded in the input data signal is copied to all digital output channels on the RB-TGHD.



RB-SYE AES/EBU Sync Board.

RB-SYW Word Clock Sync Board

The Word Clock sync board will accept a distributed clock running at the desired sample frequency between 32 kHz and 192 kHz. The signal can be differential or single ended TTL level.



RB-SYW Word Clock Sync Board For RB-TGHD.



Category: Synchronisation Add-On Boards.

Product Function: Allows the RB-SC2 and RB-TGHD(B & X) to be synchronised to various inputs.

Typical Applications: To sync the products to an analogue video sync input, or AES/EBU, or Word Clock.

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