

**SONIFEX**

**Redbox**  
RB-SYA, RB-SYD, RB-SYE, RB-SYW  
Add-On Boards

June 2012

catalogue



Manufacturers of audio & video products  
for radio & TV broadcasters

**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**



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

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-SYD Digital Video Sync Board**



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

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-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-SYW Word Clock Sync Board**



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

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.

**Digital Audio Converters & Synchronisation Add-On Boards**

# **SONIFEX**

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