

## STERLING GOLD SYNCBLASTER CABLE

### Overview

The Sterling Gold SyncBlaster cable Keene Electronics provides an easy means of connecting RGB scart equipment directly to Plasma and LCD screens. The SyncBlaster incorporates a fully functional sync separator and amplifier, providing the TTL level sync required for correct operation. All of the essential electronics are housed within the actual scart plug body. It is able to draw its power directly from the scart socket (pin 8) and for most applications no external power source is required.

### Connection

Simply plug the scart cable into the RGB equipped scart socket of the playback device and the other end of the cable to your monitor (either 15 pin HD plug or five x BNC/phono plugs, depending upon the type of cable). In the case of the BNC/phono plugs, connect the ones with the red green and blue coloured cable to the red, green and blue signal inputs, the one with the yellow/white cable is for the horizontal/vertical (H or H/V) sync and the plug with the black cable is for the vertical (V or VD) sync. If your monitor has only one four connections then connect the red, green & blue as normal and the grey wire to the remaining combined sync connection. The black can be left unused (tape it out of the way).

If you have only three connections then your device requires either RGB with sync on green or a component YUV connection. In either of these instances the SyncBlaster cable will not work. Please contact Keene Electronics and ask for information on the SyncBlaster Black Box solution.

### Operation/Troubleshooting

Switch on the playback device and monitor. If all is well you should see the picture correctly displayed and can assume that everything is working correctly. If there is no display or a distorted picture please try the following;

#### *No display*

Double check that the playback device is definitely set to give RGB out at the TV scart. Most digi-boxes default to a composite output and usually require the RGB option to be selected from the set-up menu. (For example on widescreen display with a UK digi-satellite box it would be SERVICES - SYSTEM SETUP - PICTURE SETTINGS - PICTURE FORMAT = 16:9 - SCART CONTROL = ON - VIDEO OUTPUT = RGB). Note that we recommend the use of the mains adaptor with the digibox. If you're using BNC connections double-check that the plugs are into the correct sockets.

If using a PC style monitor check that it is not designed solely for computer use i.e. the monitor must support a horizontal scan rate of 15.625KHz. Most projectors, plasma and LCD panels will do this whereas most standard CRT type monitors will not. Also, some screens may support this frequency only via the BNC/Phono connections whilst supporting only higher frequencies through the 15 pin HD plug.

If the display has a switch or menu option to select either TTL or 75ohm sync then select TTL

#### *Distorted picture*

Check that the playback device is set to RGB and not component video output.

Remove all other AV connectors from the playback device. If this corrects the problem replace them one at a time until you identify the culprit.

Try connecting the (supplied) mains adaptor to the in-line DC socket on the SyncBlaster scart plug. This may be necessary if the playback device scart cannot provide enough voltage to run the Syncblaster circuitry.

Email [support@keene.co.uk](mailto:support@keene.co.uk) for assistance