



CLYDE
BROADCAST

The Radio People

SID STUDIO INDICATOR DISPLAY



SID offers high impact low cost studio indication together with low cost synchronous time and date display, with the added bonus of scrolling text messaging.

Using standard low-cost wall-mounting flatscreen displays, this simple software application runs in the background on virtually any studio PC, and the source of time can be synchronised to either a station-wide reference (e.g. An NTP Server or GPS interface), or to the local PC.

Both analogue and digital displays are offered (user selectable), and as standard there are three on-screen displays, typically for MIC LIVE, ON AIR and PHONE, with user configurable text, back-ground colours and display type – flashing, burst and continuous.

Displays are connected via standard DVI (if supported) or VGA cables (readily available up to 30'), and the use of an external VGA splitter allows several displays to be connected in parallel to the same PC, for example on different walls inside and outside of the studio (for long cable lengths high-quality cables are recommended).

Interface to the on-screen displays is via an external USB GPIO interface (supplied), requiring external closing contacts. This also acts as a licence, but any number of displays may be driven from the same PC, using the same dongle, by using a suitable VGA splitter.

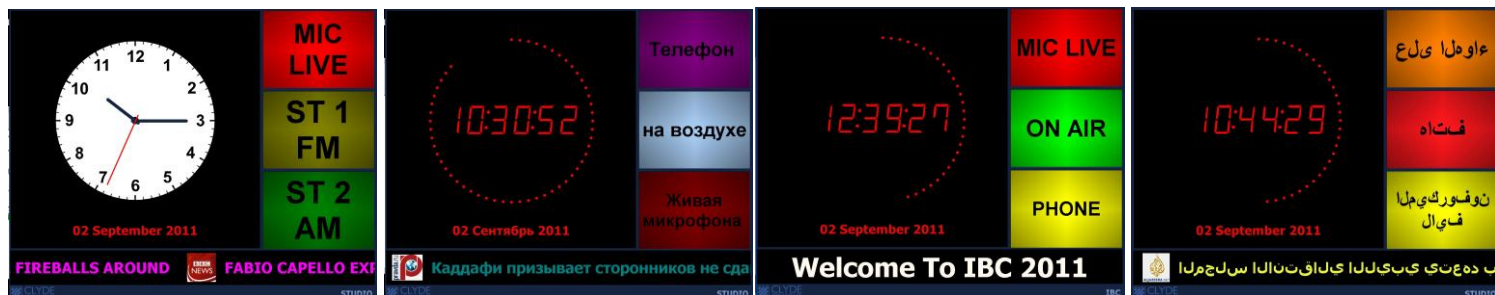
A scrolling text message can be displayed, which can be set to read 'the message of the day' or pointed to a network location so that 'Now Playing' and 'Playing Next' information from a supported on air playout system can be displayed.

The display screen also contains a place-holder into which a customer's logo can be 'inserted'.

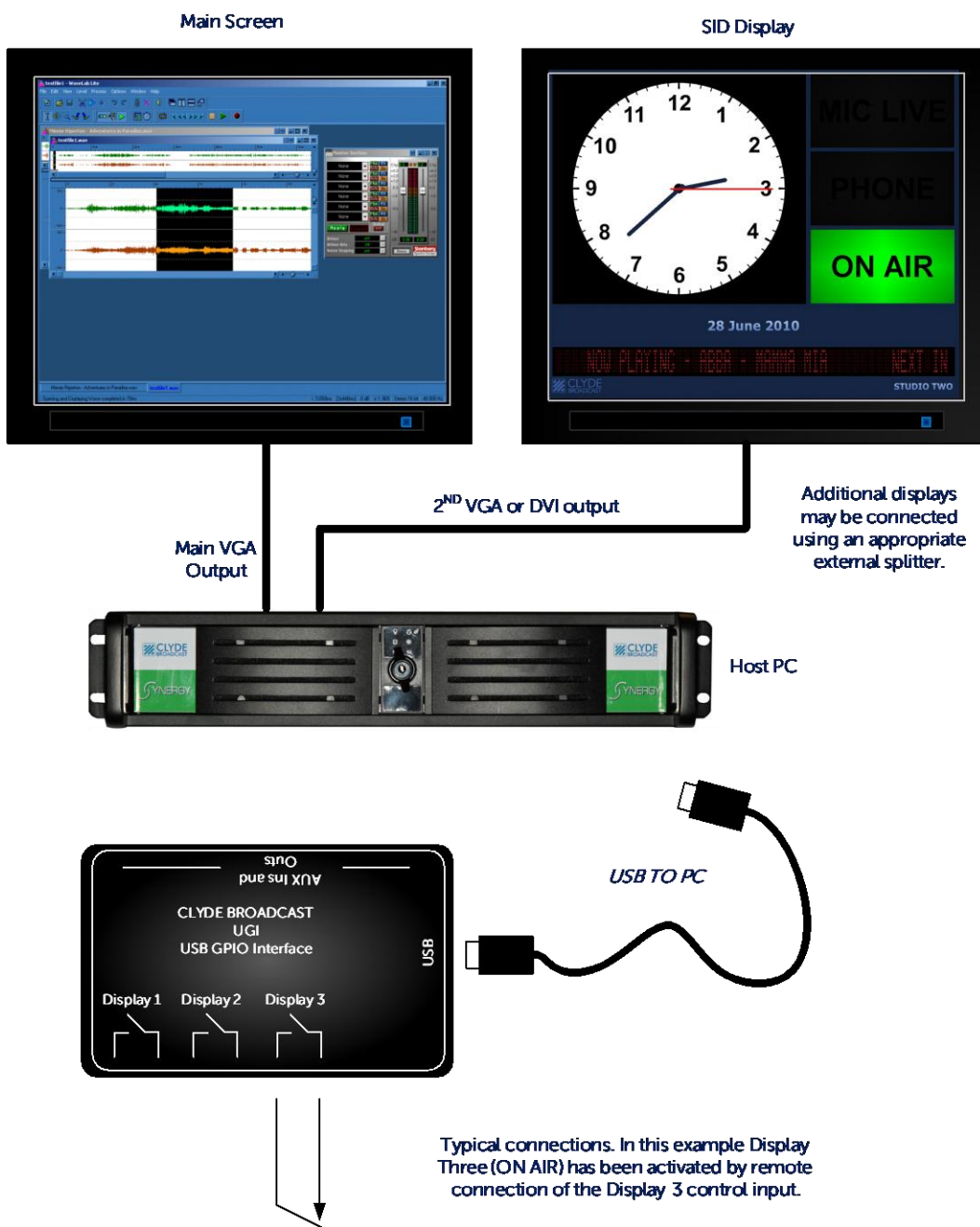
SID is supplied with a User Configuration tool, which allows text, background colour and mode to be set for each of the displays, as well as source of time, type of clock display and

It runs on any current Windows OS with a 2GHz or faster Pentium processor, and uses about 30Mb of memory, and between 1% and 2% of the processing power of a dual-core processor.

Typical stand-alone implementation



Examples of various display layouts



Typical schematic – two studio station



Configuration software

These screen-shots show the various configuration pages which allow SID to be highly customised.

SID now contains 5 user programmable displays, each which can display any text, any colour, any language, each individually triggered by closure of the appropriate internal contacts on the UGI.

Displays can be individually programmed to be 'solid', 'flashing' or 'burst'.

SID ay also display 5 user programmable buttons (which can be activated by mouse or using a touchscreen), to trigger external events via output contact closures on the UGI.

Working with SYNERGY

When used with Clyde's SYNERGY studio systems, SID can also be programmed to display a scrolling text message with 'NOW PLAYING' and 'COMING NEXT' text read from SYNERGY ON AIR Playlist.

