

TTR SNG SNG Fly-Away Pack

TTR

SNG Fly Away Pack

BROADCAST SNG FLY-AWAY PACK

The TTR SNG Fly-Away Pack is a versatile and flexible system designed to provide all the necessary facilities for audio and video management during a satellite up-link. It is housed in a convenient and compact 3U rack unit, using a fully modular construction that allows customized versions to be produced as required.

The unit allows for adjustment of amplitude and equalisation of the programme video input, and for adjustment of level of the programme sound. It also allows selection of alternative sources for transmission and preview/pre-listen, including auxiliary inputs, test signals and ident signals. A typical system consists of a video EDA, to provide the adjustment of the programme video, an audio DA, to adjust the programme sound, and an 8 x 2 stereo audio follow video matrix to select sources for transmission (TX) and for preview/pre-listen (PV/PL).

Sources to the matrix are : One programme input, Internal black and silence, No signal (for carrier test).

Bars and audio/video ident for source identification. Three auxiliary inputs.

The system can be supplied with PAL, NTSC or dual standard colour bars and colour black.

The audio and video idents are generated using modules from the TTR Video and Audio Line Ident system - please see the Line Ident data sheet for full information. The system allows the video ident to be one of 64 fixed messages stored in PROM or to be entered by the optional text editor keyboard. The audio ident system can include a speech digitizer.

As an option the unit can be powered from 12V dc

Features

- 8x2 Stereo audio follow video matrix.
- Bars and tone.
- Black and silence.
- Audio and Video Line Ident with speech digitizer.
- Cable equalizing Video and Audio DAs.

Specifications

VIDEO	<ul style="list-style-type: none">● Input impedance looping● Output impedance 75R● Input return loss > 36dB to 5.5MHz● Output return loss > 34dB to 5.5MHz● Hum noise < -76dB rms weighted● K rating > 0.5%K● Differential gain < 0.1%● Differential phase < 0.1deg● Frequency response > ± 0.02dB to 6MHz
AUDIO	<ul style="list-style-type: none">● Gain Adjustable through unity● Output Impedance 50ohm● Hum and Noise -90dB● Distortion @ 0dB 0.01% @ 12dB 0.05%● Input Impedance 10Kohm● Frequency Response +/- 0.2db 10 Hz to 50 KHz● Crosstalk 95dB at 1KHz
INPUTS	<ul style="list-style-type: none">● Video 1V (looping or terminating)● Audio balanced
OUTPUTS	<ul style="list-style-type: none">● Video 1V (one or two outputs per bus)● Audio balanced
POWER	<ul style="list-style-type: none">● 98-125V or 198-250V (120VA nominal)
CASE	<ul style="list-style-type: none">● Width 19" rack mounting● Height 1U (44mm)● Depth 395mm● Weight 12 Kg (packed)
CONNECTOR TYPES	<ul style="list-style-type: none">● Video BNC● Audio XLR or EDAC● Power (mating supplied) IEC

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