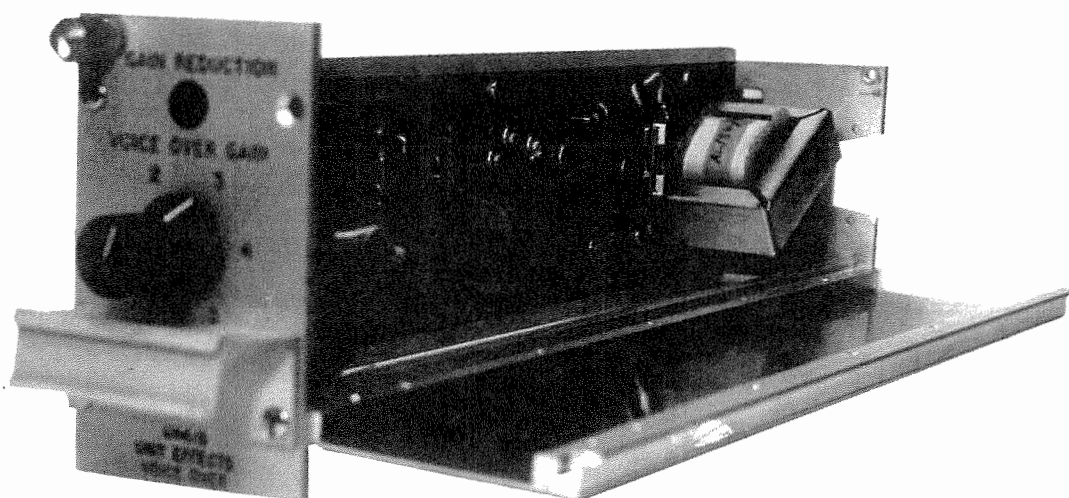




Voice-Over Effects Unit UN4/6



This unit is being designed to supersede the UN4/4. It offers a main programme path whose gain may be automatically reduced by up to 18dB, in response to a second voice-over input. The front panel carries a voice-over input gain control and a lamp to indicate when gain reduction is taking place.

PERFORMANCE DATA

Main Input Level	: -10dB volume to 0dB volume, preset by resistor fitted to the rear connector
Output Level	: -10dB volume to 0dB volume, preset internally.
Voice-Over Input Level	: 0dB volume for 18dB (max) programme chain gain reduction on peaks.
Input Impedance	: >10k Ω
Output Impedance	: <40 Ω
Intended Source Impedance	: <1k Ω
Intended Load Impedance	: \geq 600 Ω
Recovery rate	: 250ms to 500ms, preset internally
Frequency response	: 20Hz to 15kHz \pm 0.5dB
Peak signal to peak noise ratio (broadband)	: Better than 67dB
Total Harmonic Distortion	: Better than 0.2%

**PROVISIONAL
INFORMATION**

This information is for use within the BBC only and must not be disclosed in any way to a third party.

MECHANICAL DATA

Chassis : CH1/65A
Indexing : 1, 8 and 10
Weight : 0.6kg

INSTALLATION DATA

Power Requirements : 50mA from +12V, 0V, -12V d.c. supply
Connector : 17-Way Souriau
Chassis Extender : CH1A/45

Comments are invited and should be made to M.M. Gleave, Room 210, Western House, (LBH 3863).