

TERMINATION AND R.G.B. MATRIX UNIT UN1/624 SERIES

Introduction

The UN1/624 accepts two sets of standard-level video signals designated *main* and *test*. It provides either the *main* input only or a matrixed combination of the *main* and *test* inputs.

General Description

Fig. 1 shows the circuit of the unit. 50-volt relays in the unit, when energised, combine the *main* and *test* inputs in a resistive matrix to provide a single set of R.G.B. signals at a level of -6 dB. De-energising the relays terminates the *test* input and provides the main signal only at a level of -6 dB.

The unit fixes directly to a PN3/23 panel and forms the back connector for a CH1/12A chassis fitted with two 15-pole Painton plugs.

The matrixed and/or attenuated signals form the R, G, and B channel inputs to the particular CH1/12A plugged into the UN1/624. Processed or amplified outputs (depending upon the function of the particular CH1/12A used) appear on msa sockets

at the rear if the UN1/624. There are three outputs per channel. Fig. 2 shows the location of the input and output sockets on the back panel of the unit.

The UN1/624A has 24-volt relays to render it suitable for O.B. use, otherwise the units are identical.

General Specification

Inputs R in, G in, B in,
R test in, G test in,
B test in

Outputs three per channel

Relay energising supply
UN1/624 50V d.c., 45mA
UN1/624A 24V d.c. 80mA

Weight 0.55Kg. (1lb. 3oz.)

References to Typical Associated Equipment

R.G.B. Three-channel Distribution Amplifier AM4/522.

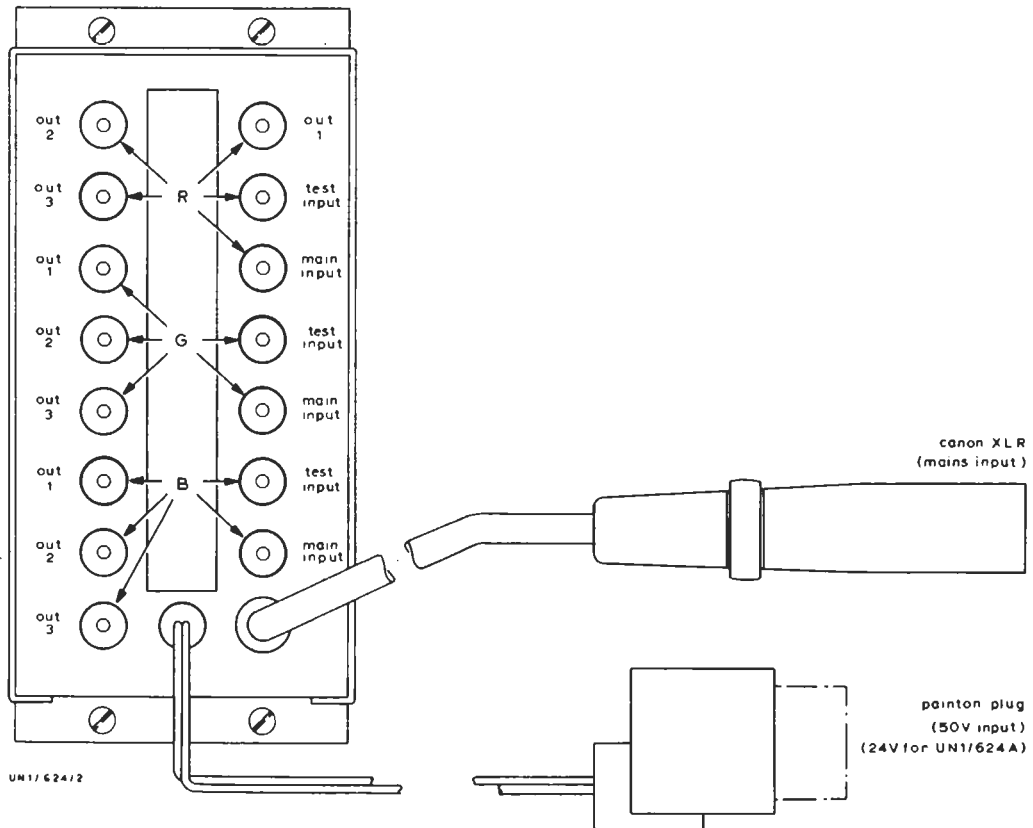


Fig. 2. Back Panel of the Matrix Unit UN1/624

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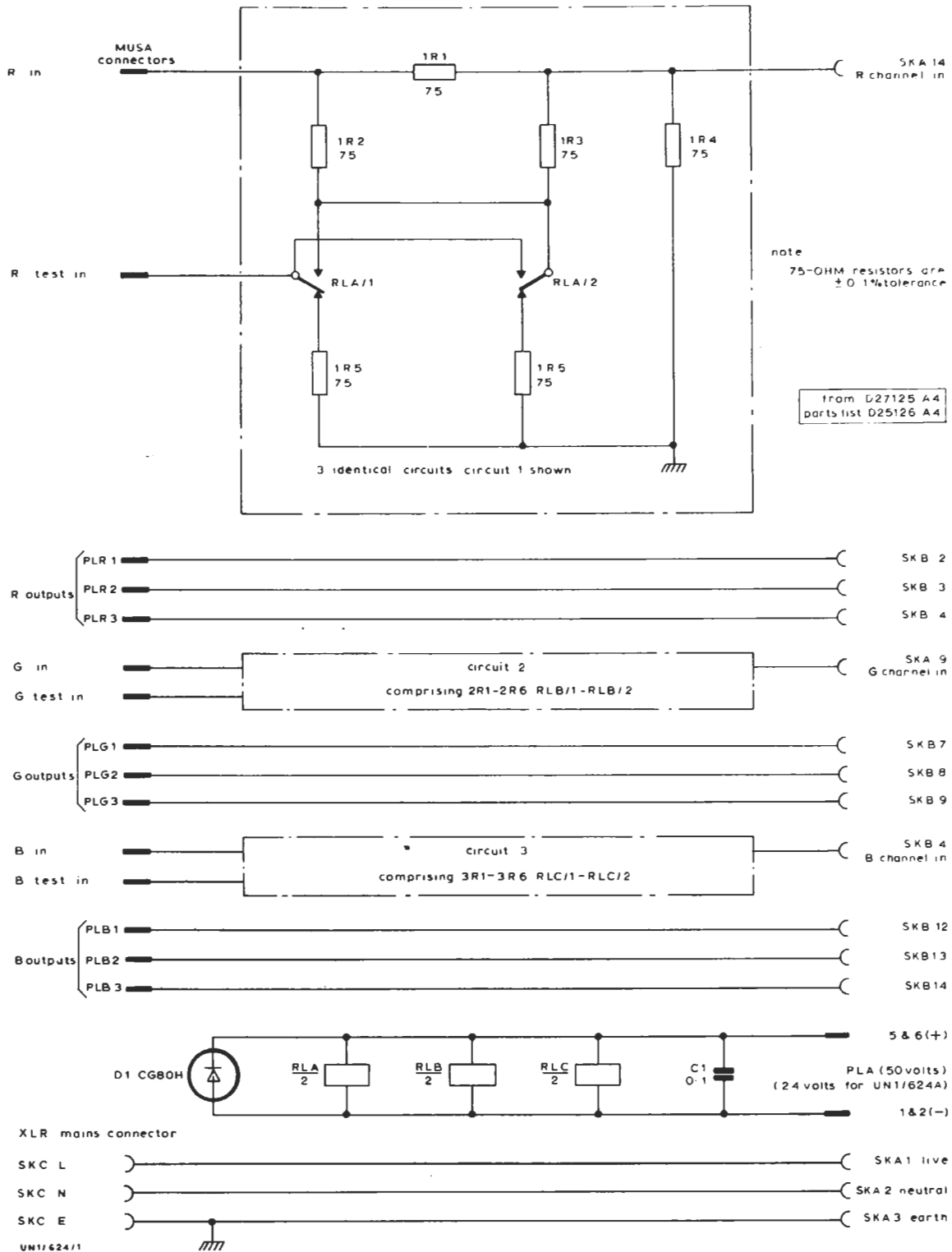


Fig.1. Circuit of the RGB Matrix Unit UNI/624