



A Division of SCARECROW BIO-ACOUSTIC SYSTEMS LIMITED

BUDDY BUD 100 single zone & BUD 200 two zone DESK PAGING MICROPHONES INSTALLATION INFORMATION

Thank you for buying a **BUDDY** paging microphone, a simple yet robust product with a reputation for excellent voice clarity.

KEY POINTS:

1. suitable for passive or electronic access amplifiers
2. microphone incorporates a speech blast screen
3. soft touch press-to-talk button/s, with minimal noise transfer
4. all steel construction, with weighted base – not easily knocked over, finished in scratch and chip resistant powder coat paint
5. anti-slip feet, will not slide on polished surfaces
6. **BUDDY** is fitted with a moving coil microphone capsule, perfect for most amplifier input sensitivities. For less sensitive amplifiers an electret version is available; order suffix /E;

TECHNICAL SPECIFICATION

MOVING COIL (STANDARD) MICROPHONE

SENSITIVITY: Suitable for all amplifiers with at least 500uV (0.5mV) sensitivity.

IMPEDANCE: 600 ohms

CHARACTERISTICS: Polar diagram approximates to cardioid, presence lift at 3KHz

FREQUENCY RESPONSE: ± 6dB : 100 Hz to 12KHz

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As supplied a **BUDDY** microphone requires only the fitting of a suitable interface connector to suit the host amplifier. The connecting lead has the following colour code:

MICROPHONE SIGNAL : RED/BLACK; these are shorted together when the PRESS TO TALK button is not in use.

ACCESS (SINGLE ZONE) : YELLOW/WHITE; these are used to close the host amplifier access pair if so equipped.

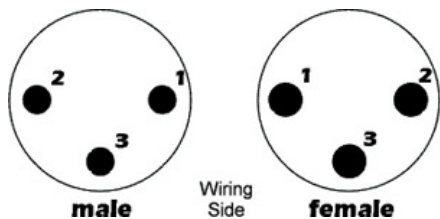
BUD 200 : YELLOW and WHITE close to GROUND (cable screen) for access use on operating the relevant PRESS TO TALK zone key.

ACCESS (TWO ZONE) : YELLOW ZONE 1
WHITE ZONE 2

WHEN YELLOW / WHITE ARE NOT TO BE USED ENSURE THESE ARE SAFELY ISOLATED.

WIRING TO XLR CONNECTORS:

(ELECTRONIC ACCESS UNAVAILABLE ON MOST AMPLIFIER PRODUCTS USING 3 PIN XLR'S)



PIN 1:	GROUND / CABLE SCREEN
PIN 2:	BLACK
PIN 3:	RED

PIN NUMBERS MOULDED INTO XLR CONNECTORS

WIRING TO JACK SOCKETS:

(ELECTRONIC ACCESS UNAVAILABLE ON MOST AMPLIFIER PRODUCTS USING JACKS)

MALE STEREO 1/4" (6.3mm) or 3.5mm Jack

Pin:	Description:
Tip	RED
Ring	BLACK
Sleeve	CABLE SCREEN

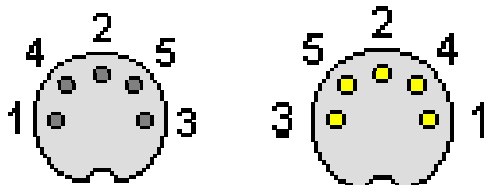
***FOR MONO (TIP & SLEEVE)
JACK PLUG :***

TIP	: RED
SLEEVE	: BLACK + CABLE SCREEN

WIRING TO 5 PIN DIN CONNECTORS:

FEMALE

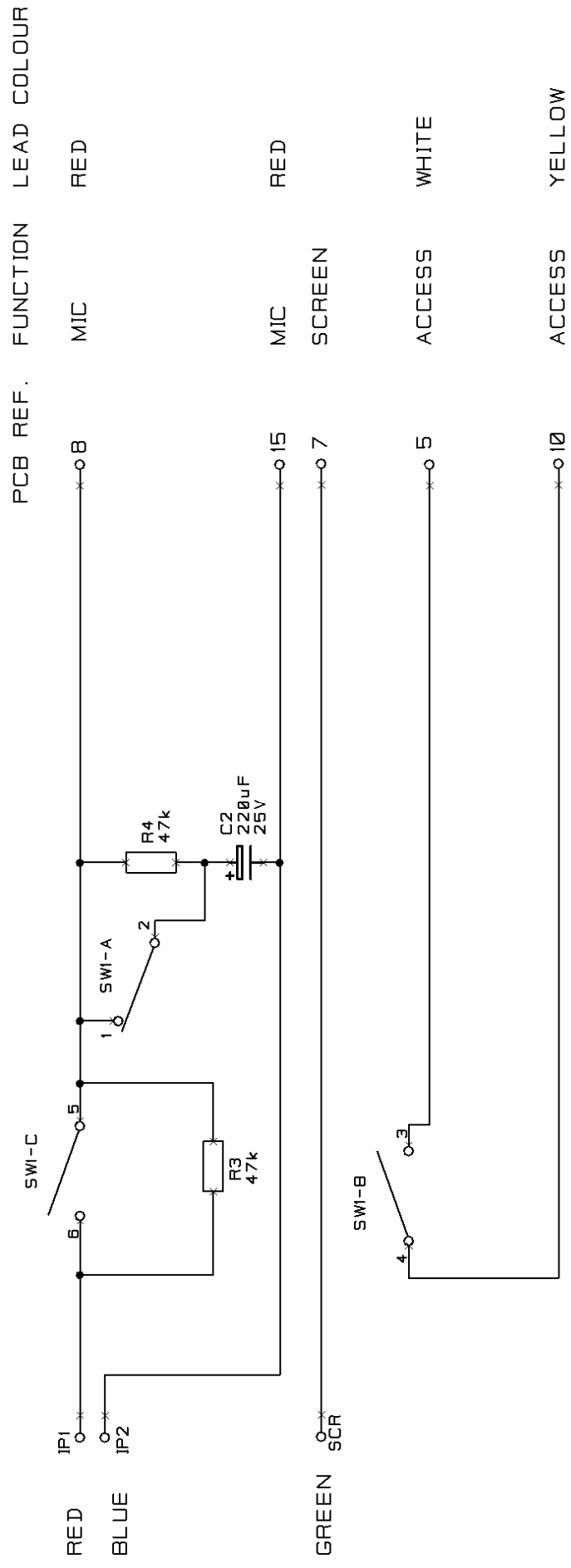
MALE



1	RED
2	CABLE SCREEN
3	BLACK
4	YELLOW
5	WHITE

CIRCUIT DIAGRAM AND CONNECTION INFORMATION

BUD 100



CIRCUIT DIAGRAM AND CONNECTION INFORMATION

BUD 200

