

How to modify

PSU alarm

Voice Recording System

VC-MDx RMx

Version V2205

Table of Contents

1 Requirement.....3

2 Solution3

3 Mounting4

4 Pinout Sub-D.....5

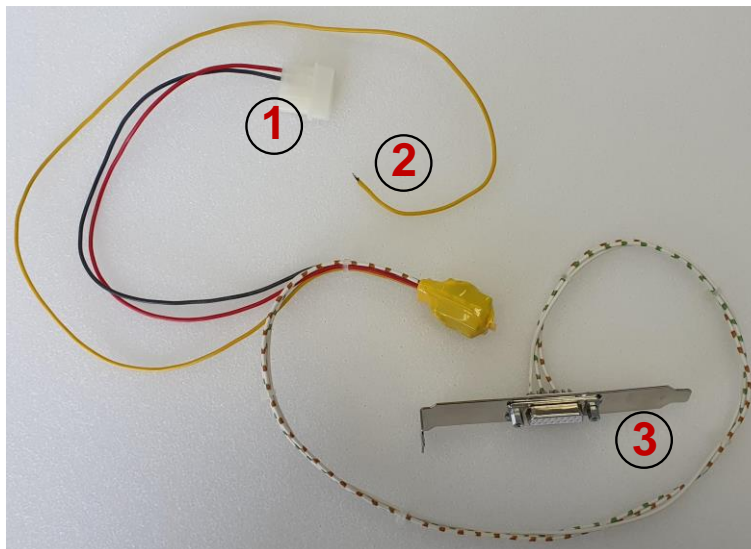
1 Requirement

The customer requests an alarm in the event of a power supply failure, regardless of whether power supply 1 or power supply 2 have failed for any reason

2 Solution

VC-MDx Software alarms are triggered via a separate VoiceCollect alarm board using relays with dry contacts. These contacts are available using a slot bracket on the back of the recorder. Same concept is used for triggering an alarm in the event of a power supply failure. Regardless of whether power supply 1 or power supply 2 has failed, an alarm is triggered via a dry contact on an additional slot bracket **(3)** on the rear of the recorder. Both types of signalisation are available, opening or closing contact.

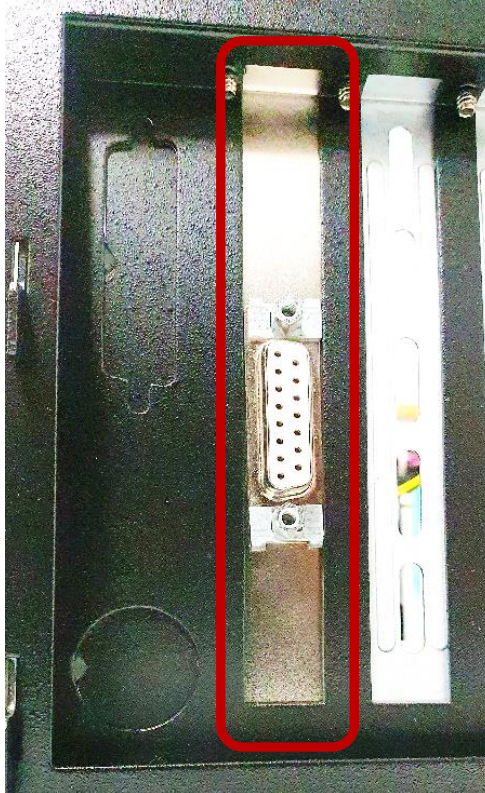
[Picture 1](#)



3 Mounting

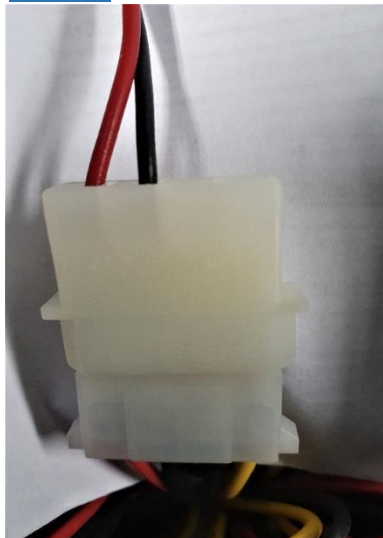
- a. Slot bracket **(3)** will be mounted on the back of the recorder. (see picture 2)

[Picture 2](#)



- b. Connector **(1)** must be connected with the free power plug of the PSU
red wire → red wire = +5V
black wire → black wire = Ground

[Picture 3](#)

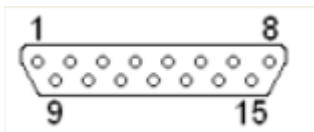


- c. Yellow cable (2) must be soldered to LED indication board on front of the recorder (see picture 3)
- d. Please make sure that all cables are routed properly

Picture 3



4 Pinout Sub-D



SUB-D	Wire colour	Type
1+2	white	Trigger (common)
3+4	white/green	Normal closed
5+6	white/brown	Normal open

*** End of Document ***