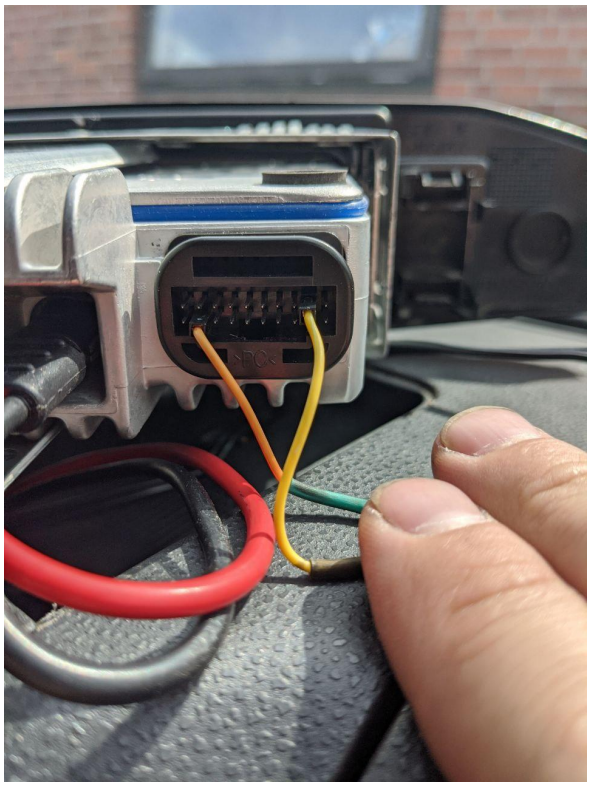
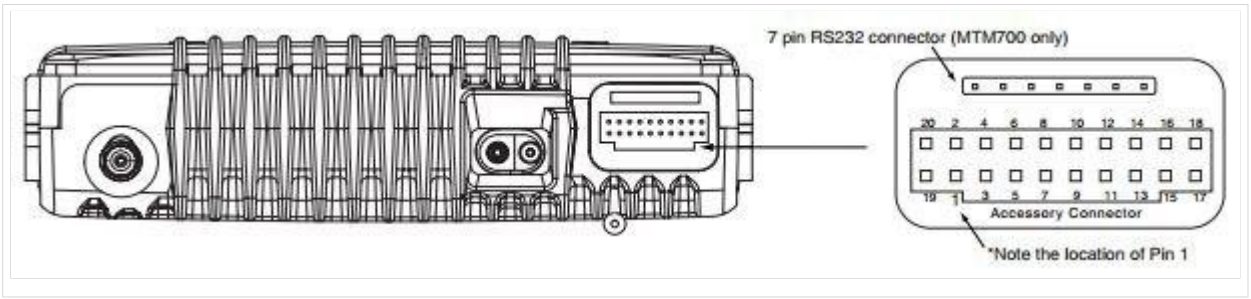
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TETRA-Vernetzung/TETRA mtm lsp

MTM (ACC 20-PIN) Anschluss Lautsprecherkabel





ACHTUNG! keinen Kursschluss bilden sonst stirbt die Audio-Endstufe

Pin	Function	Description
1	EXTERNAL SPEAKER -	Speaker – and Speaker + (Pin 16) are used to connect an external speaker. The audio PA is a bridge amplifier with a minimum load resistance of 3.2 ohms.
2	EXTERNAL MIC AUDIO	External-, Emergency-, or Hot-Microphone; depends on CPS programming. This microphone signal is independent of the microphone signal on the micro-phone connector. The nominal input level is 80mV$_{RMS}$. The DC impedance is 660Ohms. The AC impedance is 560Ohms.
3	EXTERNAL PTT	This is a digital input to trigger external PTT; active low; non active high
4	EXTERNAL ALARM	This is a digital output for External Alarm / Fault Indication; active low; open col-lector with 4k7 Ohms pull up to B+;
5	TX_AUDIO	This input is intended for injecting signals into the transmit path. Input imped-ance > 10 k Ohms; input level = 775mV$_{RMS}$
6	KEYFAIL / FLASH	This line supports the encryption module.
7	ANALOG GROUND	Ground
8	DIGITAL_GROUND	Ground
9	EMERGENCY	To activate this functionality the pin has to be connected to ground. This will turn on the terminal, Low active.
10	IGNITION	Connecting this pin to the ignition line of the vehicle that will automatically turn on the terminal if the ignition of the vehicle is turned on, High active.
11	RX_AUDIO	This is the received RX signal. Output impedance approximate 600 Ohms unsymmetrical, output level = 775mV$_{RMS}$
12	AUDIO_PA_ENABLE	This is a digital input. High level or pin open enables the audio PA; Low level dis-ables the audio PA.
13	SWB +	This voltage is available when the terminal is switched on. The max. current is 1.0A w/o GPS board and 0.8A with GPS board mounted.
14	HOOK	This is a high active digital input. Low = on hook; High = off hook
15	SCI_DTR	Reserved for service aid.
16	SPEAKER +	Positive output of terminal's audio PA (see Pin 1)
17 *	SCI_CTS	Terminal OUTPUT: Clear To Send *(reserved for service aids)*
18 *	SCI_RTS	Terminal INPUT: Request To Send *(reserved for service aids)*
19 *	SCI_RXD	Terminal OUTPUT: Receive Data *(reserved for service aids)*
20 *	SCI_TXD	Terminal INPUT: Transmit Data *(reserved for service aids)*