
Inhaltsverzeichnis

Datei:MTM 20 ACC.jpg

Basisinformationen

Anzeigetitel	Datei:MTM 20 ACC.jpg																																																															
Standardsortierschlüssel	MTM 20 ACC.jpg																																																															
Seitenlänge (in Bytes)	0																																																															
Namensraum	Datei																																																															
Seitenkennnummer	2722																																																															
Seiteninhaltssprache	de-formal - Deutsch (Sie-Form)																																																															
Seiteninhaltsmodell	Wikitext																																																															
Indizierung durch Suchmaschinen	Erlaubt																																																															
Anzahl der Weiterleitungen zu dieser Seite	0																																																															
Prüfsummenwert	4651c2f486c9570ec545c8adbe39dd1943de9be3																																																															
Seitenbild	<table><tr><th>Pin</th><th>Function</th><th>Description</th></tr><tr><td>1</td><td>EXTERNAL SPEAKER -</td><td>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.</td></tr><tr><td>2</td><td>EXTERNAL MIC AUDIO</td><td>External-, Emergency-, or Hot-Microphone; depends on CPS programming. This microphone signal is independent of the microphone signal on the microphone connector. The nominal input level is 80mV_{RMS}. The DC impedance is 660Ohms. The AC impedance is 560Ohms.</td></tr><tr><td>3</td><td>EXTERNAL PTT</td><td>This is a digital input to trigger external PTT; active low; non active high</td></tr><tr><td>4</td><td>EXTERNAL ALARM</td><td>This is a digital output for External Alarm / Fault Indication; active low; open collector with 4k7 Ohms pull up to B+;</td></tr><tr><td>5</td><td>TX_AUDIO</td><td>This input is intended for injecting signals into the transmit path. Input impedance > 10 k Ohms; input level = 775mV_{RMS}</td></tr><tr><td>6</td><td>KEYFAIL / FLASH</td><td>This line supports the encryption module.</td></tr><tr><td>7</td><td>ANALOG GROUND</td><td>Ground</td></tr><tr><td>8</td><td>DIGITAL_GROUND</td><td>Ground</td></tr><tr><td>9</td><td>EMERGENCY</td><td>To activate this functionality the pin has to be connected to ground. This will turn on the terminal, Low active.</td></tr><tr><td>10</td><td>IGNITION</td><td>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.</td></tr><tr><td>11</td><td>RX_AUDIO</td><td>This is the received RX signal. Output impedance approximate 600 Ohms unsymmetrical, output level = 775mV_{RMS}</td></tr><tr><td>12</td><td>AUDIO_PA_ENABLE</td><td>This is a digital input. High level or pin open enables the audio PA; Low level disables the audio PA.</td></tr><tr><td>13</td><td>SWB +</td><td>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.</td></tr><tr><td>14</td><td>HOOK</td><td>This is a high active digital input. Low = on hook; High = off hook</td></tr><tr><td>15</td><td>SCL_DTR</td><td>Reserved for service aid.</td></tr><tr><td>16</td><td>SPEAKER +</td><td>Positive output of terminal's audio PA (see Pin 1)</td></tr><tr><td>17 *</td><td>SCL_CTS</td><td>Terminal OUTPUT: Clear To Send (reserved for service aids)</td></tr><tr><td>18 *</td><td>SCL_RTS</td><td>Terminal INPUT: Request To Send (reserved for service aids)</td></tr><tr><td>19 *</td><td>SCL_RXD</td><td>Terminal OUTPUT: Receive Data (reserved for service aids)</td></tr><tr><td>20 *</td><td>SCL_TXD</td><td>Terminal INPUT: Transmit Data (reserved for service aids)</td></tr></table>	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 microphone 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 collector with 4k7 Ohms pull up to B+;	5	TX_AUDIO	This input is intended for injecting signals into the transmit path. Input impedance > 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 disables 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	SCL_DTR	Reserved for service aid.	16	SPEAKER +	Positive output of terminal's audio PA (see Pin 1)	17 *	SCL_CTS	Terminal OUTPUT: Clear To Send (reserved for service aids)	18 *	SCL_RTS	Terminal INPUT: Request To Send (reserved for service aids)	19 *	SCL_RXD	Terminal OUTPUT: Receive Data (reserved for service aids)	20 *	SCL_TXD	Terminal INPUT: Transmit Data (reserved for service aids)
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 microphone 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 collector with 4k7 Ohms pull up to B+;																																																														
5	TX_AUDIO	This input is intended for injecting signals into the transmit path. Input impedance > 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 disables 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	SCL_DTR	Reserved for service aid.																																																														
16	SPEAKER +	Positive output of terminal's audio PA (see Pin 1)																																																														
17 *	SCL_CTS	Terminal OUTPUT: Clear To Send (reserved for service aids)																																																														
18 *	SCL_RTS	Terminal INPUT: Request To Send (reserved for service aids)																																																														
19 *	SCL_RXD	Terminal OUTPUT: Receive Data (reserved for service aids)																																																														
20 *	SCL_TXD	Terminal INPUT: Transmit Data (reserved for service aids)																																																														

Seitenschutz

Bearbeiten	Alle Benutzer (unbeschränkt)
Verschieben	Alle Benutzer (unbeschränkt)
Hochladen	Alle Benutzer (unbeschränkt)

[Das Seitenschutz-Logbuch für diese Seite ansehen.](#)

Versionsgeschichte

Seitenersteller	Oe1kbc (Diskussion Beiträge)
Datum der Seitenerstellung	23:13, 8. Mär. 2021

Letzter Bearbeiter	Oe1kbc (Diskussion Beiträge)
Datum der letzten Bearbeitung	23:13, 8. Mär. 2021
Gesamtzahl der Bearbeitungen	1
Gesamtzahl unterschiedlicher Autoren	1
Anzahl der kürzlich erfolgten Bearbeitungen (in den letzten 90 Tagen)	0
Anzahl unterschiedlicher Autoren der kürzlich erfolgten Bearbeitungen	0