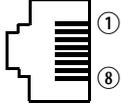


## 2.8 Microphone Connector

The microphone connector of the TM8115 control head is an RJ-45 socket.

When the TM8115 control head is connected to the control-head connector of the radio body using the loom provided, the microphone connector uses the following eight control-head connector signals:

**Table 2.25 Microphone connector - pins and signals**

Pinout	Pin	Signal name	Description	Signal type
 <p>front view</p>	1	MIC_RX_AUD	Receive audio output.	Analogue
	2	+13V8 <sup>a</sup>	Power supply output. Switched off when radio body is switched off.	Power
	3	MIC_TXD	Asynchronous serial port - Transmit data.	3.3V CMOS
	4	MIC_PTT	PTT input from microphone. Also carries hookswitch signal.	Digital
	5	MIC_AUD	Fist microphone audio input.	Analogue
	6	AGND	Analog ground.	Analogue ground
	7	MIC_RXD	Asynchronous serial port - Receive data.	3.3V CMOS
	8	MIC_GPIO1	General purpose digital input/output.	Open collector out 3.3V CMOS in

a. Can be switched or unswitched. For more information refer to [“Connector Power Supply Options”](#) on page 131.

For characteristics refer to the corresponding signals of the control-head connector.