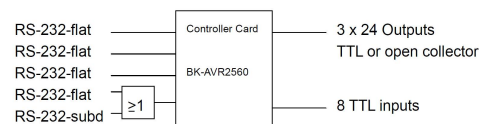# Controller Card BK-AVR2560

Short description

With the MTS Controller Card BK-AVR2560 you can control different components (like relays, attenuators, filters etc.) by a RS-232 interface.

The card is equipped with 4x RS-232 and can be optionally extended with external interface modules for USB, LAN and/or IEEE-488. There are 72 output lines existing selectable as TTL drivers or open collector (3x 3 ULN drivers). Further 8 TTL input lines are integrated for relays indication or connection of manual control buttons.

A special firmware with interface commands can be created to customers wishes on request.

Technical data:

1 Connections:

1.1	RS-232 interfaces	1x 9pole Sub-D male, 3x 10pole flat ribbon
1.2	Inputs	1x 14pole flat ribbon
1.3	Outputs	3x 26pole flat ribbon
1.4	Voltage supply	1x 96pole DIN 41612 connector, male

2 General specifications:

2.1	Power supply	5 V DC
2.2	Power consumption primarily	125 mA typ.
2.3	Control interface	4x RS-232
2.4	Inputs	8x TTL
2.5	Outputs	72x selectable as TTL or 3x 3 ULN drivers (500 mA each); mixing assembly is possible (has to be defined with ordering)
2.6	Operating temperature	0 °C - +50 °C
2.7	Reference temperature for specifications	+25 °C
2.8	Dimensions (without connections)	Eurocard 8 TE x 3 HU x 100 mm (W x H x D)
2.9	Colour	Front side colourless anodized
2.10	Weight	0,2 kg

3 Delivered parts:

Controller Card BK-AVR2560
CD with operating manual

4 Comments:

Warranty	12 months
RoHS-compliant	Yes

5 Recommended accessories:

Control software
External interface modules with LAN, IEEE-488 and/or USB
Colour display with touch panel