KNX MT Gateway
Accessing the EIB/KNX with AMX/Creston/other mediatechnic controllers

Highlights
• Simple access to the EIB/KNX
• Standard ASCII-Code
• Supports all group addresses simultaneously
• Supports all EIS-types
• Simple setup using a terminal program
• Built in german and english help texts
• Fully transparent even at 100% bus load
• Built in filter- and EIS-type tables
• All values read- and writeable using plain text
• Simple integration of the EIB/KNX into own systems (PC, Microcontroller, Linux, ...)
• Built in bus coupling unit
• Standard RS-232 Interface, no system drivers required
• Rail mounted device (9TE = 158mm) with integrated 100V - 240V wide range power supply

Fields of application
The KNX Medientechnik Gateway is basically an EIB ASCII Terminal device in a DIN rail housing case. It comes with example programs for AMX mediacontrollers, but the easy RS-232 handling of the gateway makes it simple to adapt other media controllers as well: although the KNX Medientechnik Gateway contains a large instruction set, usually three command sequences will suffice:

Write a value to a group address: “W groupaddress = value”, e.g. “W1/2/3=1”
Request a value from a group address: “R groupaddress”, e.g. “R1/2/3”
Listening to group address telegrams: a “Physical address > group address=value” sequence will be send from the gateway to the RS-232 when a telegram is detected. If the device “2.3.4” is sending the value “1” to the group address “3/2/1”, you will receive a “02.03.04>03/02/001=1” sequence. You can even let the gateway filter the incoming data, or tell the gateway that you want to use specific data formats.

Contents of delivery
• KNX Medientechnik Gateway
• Parameterization software b+b Terminal
• Documentation