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iRidium for AV & Custom Systems

the package of tools for setting up equipment which is not included in the standard iRidium database: all Audio/Video equipment, format converters and any other elements of automation systems.

The AV & Custom Systems driver enables sending of any commands in any format (ASCII, HEX, DEC) using any type of transport for it (TCP, UDP, HTTP, RS232). 2-way communication with AV equipment is performed with the help of [ready-made modules](#) and [iRidium Script](#).

Capabilities

iRidium for AV & Custom Systems (Audio-Video, converters and elements of automation systems) allows you to control any equipment with COM-port (RS232). The control is performed through format converters which receive commands via IP and send them to the target equipment via COM-ports. This way of control provides maximum flexibility of the system due to the possibility of wireless connection (format converters with Wi-Fi modules), simultaneous control from several panels and work via the Internet.

The most complete integration with iRidium is accomplished with converter from TCP to RS232 of the [Global Cache](#) company ([iTach WF2SL](#), [iTach IP2SL](#) или [GC-100-06](#), [GC-100-12](#)).

[Global Cache](#) converters controlled by iRidium, provide the following **advantages** when communicating with equipment via RS232:

- Ready modules of Global Cache converters in iRidium data base (it is necessary to set up only the IP-address of the converter. It is possible to receive feedback via RS232 and system data from the converter)
- Wireless connection via Wi-Fi allows you to avoid installing additional wires for communication with RS232 controlled equipment ([iTach WF2SL](#))
- Simultaneous connection of several control panels to one **iTach** converter
- Controlling Global Cache converters via the Internet

Instructions

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AV & Custom Systems: Control via RS232 through Global Cache

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[2 Adding RS232 Commands to iRidium Data Base](#)

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[3 Adding RS232 Devices to iRidium Projects](#)

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Downloads

Download: Base of Global Cache ready modules for iRidium projects(127 Kb)