



Radio All in One
RDS Encoding
Mobile Metering
Signal Monitoring
Transmitting



REMOTE CONTROL SILVER

OVERVIEW

The Audemat Remote Control Silver is a system for management and monitoring of remote equipment. It can be configured to connect with any equipment at a remote site through serial ports, status or metering inputs, commands (relays) or IP. All units linked to the Remote Control Silver can then be monitored and controlled locally and remotely via a variety of communications modes (ADSL, LAN, GSM, PSTN...).

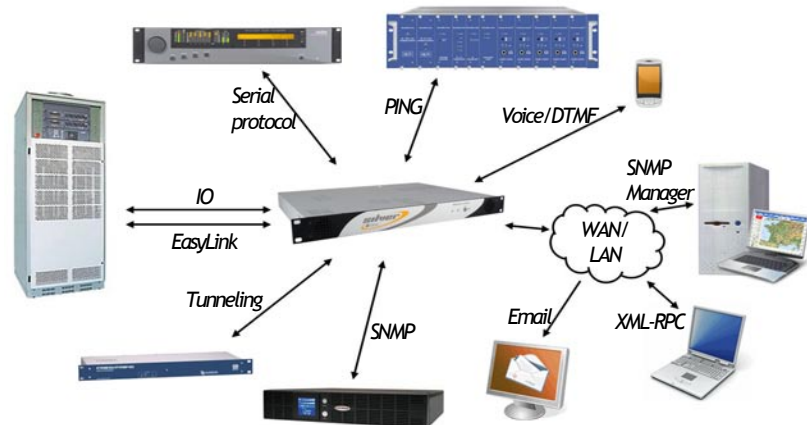
FEATURES

- Control and monitoring of any equipment at a remote site
- Connect to the external unit through digital/analog/audio inputs, relays, serial ports or through IP (SNMP, PING)
- Remote communication through LAN/WAN, 3G, GSM, CDMA, PSTN...
- Notifications via Email, SNMP and optional Voice/DTMF Interface
- ScriptEasy software for automatic actions and remote control
- MasterView software for end-user views of data and control

BENEFITS

- Compatible with all communication types
- Operates with standard protocols
- Easily manage and communicate with serial equipment using SCRIPTEASY EasyLink or tunneling
- Communicate and control external equipment using SNMP protocols
- Fully compatible with Audemat's Broadcast Manager (database, statistics, filters, notification forwarding ...)

OVERVIEW OF THE REMOTE CONTROL SILVER FACILITY MANAGEMENT CAPABILITIES



APPLICATIONS

Connection with external equipment for data access

- via status, metering or audio inputs and commands (relays) outputs:
 - » Status, metering data, commands and automatic actions
- via RS-232 ports:
 - » IP Tunneling for remote access to the terminal interface of external equipment
 - » SCRIPTEASY EasyLink: integration of specific serial protocols for automatic monitoring
- via Ethernet ports:
 - » Management of external equipment via SNMP

Information management

- Continuous monitoring and logging of status, values or levels
- Triggering of automatic actions on out of tolerance conditions or on set schedules
- Notifications on occurrence of specific conditions

Transmitter management

- Automatic detection and monitoring of backup transmitters
- Double drive management
 - » By using inputs / outputs and a script from ScriptEasy to trigger automatic or manual actions

REMOTE CONTROL SILVER

Easy setup and user friendly configuration

- Embedded web server
- Access from anywhere
- Set up automatic actions with an easy graphic user interface
- View all the readings and controls with the remote MasterView application
- Easily change and copy remote control programming

ScriptEasy



Script creation with the Designer module

ScriptEasy is a powerful graphical software application that makes it easy and intuitive to configure and control the most complex and challenging of installations. The flowthrough design and simple user interface, combined with powerful tools like the Scheduler and Advanced Programming Interface, mean that facility control devices operating with

ScriptEasy have the power to control and communicate with a large number of remote control units, while remaining accessible and simple to put in place and use.

MasterView (option)

With MasterView you can control and display the data in multiple custom views.

Each view can contain as much information from the remote site as desired. MasterView comes in two parts: the View Designer, which is integrated into ScriptEasy and the Viewer, a standalone application for end-users to access and display information from the remote equipment.



Control panel of a transmitter site

SCRIPTEASY EasyLink (option)

SCRIPTEASY EasyLink is a powerful new tool that makes it possible to link a Remote Control Silver with external equipment using one of the available serial ports to enable complete remote access to the equipment via IP. EasyLink is available as an option for Ecreso FM transmitters and the Harris Z Platinum series providing access to hundreds of parameters and readings. Other brands and models are available on request.

Broadcast MANAGER

Using the unique Broadcast MANAGER software from Audemat, Remote Control Silver can be integrated into a complete Radio (AM, FM, HD and DMB) and/ or TV (analog, ATSC and DVB) monitoring solution for centralized management of data, configurations, communications and alarms.

SNMP Management

Through a network connection using the SNMP protocol, an Remote Control Silver can monitor and control equipment in another room, building or even in a different country.

TCP/IP Tunneling

Tunneling enables remote access through the Remote Control Silver to equipment that can only use local serial connections. It works by passing data from a specific IP port to a serial (RS-232) connection and sending the returning data from the RS-232 back to the originating IP address and port.



Rear panel

REMOTE CONTROL SILVER, I/O CONFIGURATION

Type of Interface	Number of I/O per equipment
Metering (analog inputs)	8
Status (digital inputs)	16
Commands (relay outputs)	8
Audio (option)	2
RS232 port	1 + 4 x USB *

*With optional serial-USB port converters.

TECHNICAL SPECIFICATIONS

Hardware description	
Dimension	19" x 1U x 220 mm (8.7")
Weight	~ 5.80 kg / 12 ¾ lbs
Operating humidity	< 70%
Storage humidity	< 95%
Operating temperature	0° to 45 °C
Power supply	115/230 VAC 50/60 Hz
Power consumption	60 W max

ORDER INFORMATION

Standard version	
TF00172	Remote Control Silver Includes: - 16 digital inputs, 8 analog inputs, 8 relays - Connection kits to connect directly the wiring of the equipment to control to a DB25 connector - ScriptEasy application
Software options	
CD00032	MasterView option
Accessories	
A large variety of accessories and sensors available on request: modems (GSM, PSTN ...), connectors, RF probes, temperature sensor, voltage, current sensors, hygrometers...	

Ref: Remote Control Silver- Datasheet 08/2010
Technical specifications are subject to change without prior notice



contact@broadcast-silver.com - www.broadcast-silver.com

Head office:

20, avenue Neil Armstrong -33700 -Mérignac-France
Tel: +33 (0)557 928 928
Fax: +33 (0)557 928 929

To contact our worldwide offices, please visit our website