



HIGHEST SIGNAL PURITY and Quality on the market



POWERFUL PERFORMANCE

- RDS2 Ready
- MPX over AES removes the last analog link from the chain
- High quality and spectral purity
- Built-in FM tuner (standard in US version)



POWERFUL CONTROL

- ScriptEasy & Masterview Apps
- SNMP Management
- UECF Control
- Responsive webdesign
- PS and RT delay by one second increment



POWERFUL SAVINGS

- Future-proof platform
- Digital migration at no cost
- ODA capability

Applications

List of applications

- 1 Can be easily connected to your automation software for automatic display of song titles, artist names and much more on receivers (if permitted by your regulation authority).
- 2 AUDEMAT RDS ENCODER is fully compliant with the RDS/RBDS standards, support all groups and features of the standards and offer TCP/IP connectivity.
- 3 The AUDEMAT RDS ENCODER may be controlled through a responsive website.



WorldCast MANAGER

CONNECT WITH WORLDCAST MANAGER

The WorldCast Manager simplifies the management of all SNMP-enabled devices in a network, providing real-time status, historical data and visualization of multiple devices from a single screen. The intuitive and simple-to-use interface shows all devices located at your site(s) displaying product information, alerting you to any alarms and providing one-click access to the unit's web-based control interface.

The WorldCast Manager is compatible with all WorldCast Systems' equipment as well as SNMP devices from ANY manufacturer.



WORLDCAST
CONNECT
Enabling broader business

Build, save & share insightful reports

Key Features

FEATURES



Identify the station



Automatically retune between transmitters of the same program

TITLE : Traviata
ARTIST: Verdi

Display song titles and artist information on receivers



Traffic Announcements



Interactive radio (RT+)

ODA

Future Applications (ODA application)



Traffic message channel



Emergency Warning System

RESPONSIVE WEBSITE



RDS setting interface



Global setting interface



Input / Output management interface

Technical Features



RDS FEATURES

| | |
|--|-----------------------------------|
| Group supported | From 0A to 15A |
| Group sequence | Configurable |
| EON | 10 PSN |
| PS | 10 PSN |
| PTY | 10 PSN |
| PI | 10 PSN |
| PTY | Yes RDS/RDBS |
| AF | Yes method A and B |
| TP/TA | Yes by command or contact closure |
| PTYN | Yes |
| CT | Yes - NTP sync |
| ODA | Yes |
| TMC | Yes |
| Side Chain Mode, Loop through mode, Bypass feature | Yes by software |
| RDS2 Ready | Yes |

RADIOTEXT

| | |
|-----------|------------|
| Radiotext | 8 messages |
| RT+ | Yes |

SCROLLING PS

| | |
|---|--------------------|
| Dynamic PS | Yes |
| Sequencing speed | Adjustable in sec |
| Scrolling by character | Yes from 1 up to 8 |
| Scrolling by word, 8 character block, automatic centering, truncate | Yes |
| Repeating, Labeling, Delay before display | Yes |

COMMUNICATION

| | |
|-------------------------------------|--|
| Scheduler | ScriptEasy & MasterView |
| GUI | Embedded web server with responsive design website |
| History log | Yes |
| Connection with automation software | Yes with RS232 or TCP/IP |
| Remote display | Yes |
| ASCII protocol | Yes |
| UECP standard | Yes |

HARDWARE

| | |
|------------------------|---------------------------|
| Inputs/Outputs | 16 inputs + 8 relays |
| Communication | 1 RJ45 + 2 RS232 + 1 µUSB |
| Communication Protocol | Telnet SSH FTP |
| MPX over AES | Yes |
| Synchro. Monitoring | Yes |
| Tuner FM | Yes |
| Front panel display | Yes |
| Integrated RDS Decoder | Yes |

Technical specification are subject to change without prior notice – 08/2018

PHYSICAL SPECIFICATIONS

| | |
|--------------------------------------|--|
| External Dimensions (W / L / H) | 483mm (19") x 180mm x 1U |
| Weight | 2.35 kg |
| Power supply voltage | 125 / 250V |
| Power supply frequency | 50-60 Hz |
| Power consumption | 50VA |
| Temperatures Storage temperatures | 0°C to 50 °C / 32°F to 122°F -30°C to 80°C / -22°F to 176°F |
| Humidity | 10-95% non condensing relative humidity |

Order information

STANDARD VERSION

| REF | DESCRIPTION |
|------------|-----------------------------------|
| TF01070 | AUDEMAT RDS ENCODER |
| TF01070-US | AUDEMAT RDS ENCODER - USA version |

Head Office

WorldCast Systems S.A.S
20 avenue Neil Armstrong
33700 Mérignac (Bordeaux Métropole) FRANCE
+33 (0)5 57 928 928
contact@worldcastsystems.com

WorldCast Systems Inc

19595 NE 10th Avenue Suite A
Miami
FL 33179 USA
+1 305 249 3110
ussales@worldcastsystems.com