



Cuenta Licitaciones y concursos <licitacionesyconcursos@rtvc.gov.co>

Solicitud Requerimientos Invitación Abierta 15-2017

1 mensaje

Cuenta Licitaciones y concursos <licitacionesyconcursos@rtvc.gov.co> 30 de noviembre de 2017, 16:46

Para: Istronyc Comunicaciones <istronyc@istronyc.com.co>

Cc: Nury del Pilar Vera Vargas <nvera@rtvc.gov.co>, Leydi Paola Vela Montañez <lvela@rtvc.gov.co>

Cordial saludo,

Con el fin de continuar con el trámite de evaluación del proceso de “**Invitación Abierta N° 15 de 2017**”, respetuosamente se le solicita allegar a esta dependencia ubicada en la ventanilla única de correspondencia en el primer piso en la parte externa del edificio costado oriental, en la carrera 45 No. 26-33, hasta las 2:30p.m. del día de mañana viernes primero (1) de diciembre de 2017, en medio físico y/o por correo electrónico a la cuenta licitacionesyconcursos@rtvc.gov.co, los documentos que se relacionan a continuación con relación a los siguientes Elementos o Equipos incluidos en el **ANEXO No. 2 ESPECIFICACIONES TÉCNICAS MÍNIMAS** solicitadas en las reglas de participación:

REQUERIMIENTO TECNICO

ELEMENTO o EQUIPO	SOLICITUD
PLANTA ELÉCTRICA	Se requiere al oferente, indicar cuál de los modelos incluidos a folio 232 de su propuesta es el que está ofertando para este ítem.
BASES DE MESA RECTA PARA MICROFONO	Se requiere al oferente, indicar cuál de los modelos incluidos a folio 181 de su propuesta es el que está ofertando para este ítem.
RECEPTOR SATELITAL IRD BAJO ESTÁNDAR DVB – T2	Teniendo en cuenta que el oferente manifestó la aceptación de lo requerido en el ANEXO 02- ESPECIFICACIONES TÉCNICAS MINIMAS, mediante el ANEXO No. 03- CARTA DE ACEPTACIÓN ESPECIFICACIONES TECNICAS MINIMAS se solicita al proponente aporte los manuales, catálogos o certificaciones que soporten las especificaciones del equipo ofrecido para este ítem.
MICRÓFONOS INALÁMBRICOS	Se requiere el oferente aclare el modelo y la capsula del micrófono que oferta para este ítem (folio 157-161).

ELEMENTO o EQUIPO	SOLICITUD
MEZCLADOR AUTOMÁTICO MICRÓFONO / LÍNEA	Se requiere el oferente aclarar si el equipo ofertado (folio 130-131) contiene control lógico de activación de micrófonos, si es así, por favor acreditar manuales, catálogos o certificaciones donde se pueda verificar el mismo.

¿Cuál es su opinión sobre nuestra atención?



Diligenciar Encuesta



Cuenta Licitaciones y concursos

Cuenta Licitaciones y concursos
Oficina Asesora Jurídica
licitacionesyconcursos@rtvc.gov.co
(+571) 2200700

RTVC Sistema de Medios Públicos: www.rtv.gov.co Av. El Dorado Cr. 45 # 26 - 33 Bogotá D.C, Colombia. PBX: (+571) 2200700. Línea gratuita: 018000123414. info@rtvc.gov.co



Cuenta Licitaciones y concursos <licitacionesyconcursos@rtvc.gov.co>

RE: Solicitud Requerimientos Invitación Abierta 15-2017

1 mensaje

Erasmó Suárez <e.suarez@istronyc.com.co>

1 de diciembre de 2017, 14:14

Para: Cuenta Licitaciones y concursos <licitacionesyconcursos@rtvc.gov.co>

Cc: Nury del Pilar Vera Vargas <nvera@rtvc.gov.co>, Leydi Paola Vela Montañez <lvela@rtvc.gov.co>

OK
Teen

Muy buena tarde.

Dando respuesta a su solicitud en correo adjunto, estamos enviando la documentación solicitada.

Quedamos atentos a sus comunicaciones o sugerencias.

Cordialmente,



Erasmó Suárez P

Gerente de Soporte

Transv. 93 # 53 - 48 Int 54

Tel: 57 1 4304188

Cel: 57 3176419921



De: Cuenta Licitaciones y concursos [mailto:licitacionesyconcursos@rtvc.gov.co]

Enviado el: jueves, 30 de noviembre de 2017 4:46 p. m.

Para: Istronyc Comunicaciones <istronyc@istronyc.com.co>

CC: Nury del Pilar Vera Vargas <nvera@rtvc.gov.co>; Leydi Paola Vela Montañez <lvela@rtvc.gov.co>

Asunto: Solicitud Requerimientos Invitación Abierta 15-2017

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¿Cuál es su opinión sobre nuestra atención?

Diligenciar Encuesta

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2 archivos adjuntos

 **INFORMACIÓN COMPLEMENTARIA.pdf**
332K

 **ARCHIVO SUBSANAR.pdf**
3003K



Bogotá, 1º de Diciembre de 2.017.

Señores:
Radio Televisión Nacional de Colombia – RTVC
Coordinación de Procesos de Selección
Oficina Asesora Jurídica
Carrera 45 No. 26 – 33
Ciudad

Referencia: Invitación Abierta N° 15 de 2017 – Respuesta a solicitud de requerimientos técnicos

Respetados Señores:

En línea con su requerimiento enviado vía correo electrónico en la tarde de ayer, me permito dar respuesta a los mismos:

1. PLANTA ELÉCTRICA

Tal como aparece en nuestra oferta, a folios 232 233, me permito confirmar que el modelo de la planta eléctrica incluida en nuestra oferta es: **CED6500S CABINADA**.

2. BASE DE MESA RECTA PARA MICRÓFONO

Tal como aparece en nuestra oferta, a folios 181, me permito confirmar que el modelo de la base de mesa recta para micrófonos incluida en nuestra oferta es: **JS-DMS50**. Para mayor claridad adjuntamos hoja de especificaciones descargada de la página web del fabricante.

3. MICRÓFONOS INALÁMBRICOS

Me permito confirmar que el modelo del micrófono de mano incluido en nuestra oferta es **SKM 300-835 G3**. Para mayor precisión adjuntamos los archivos descargados de la página web del fabricante para este elemento, en el cual se detalla la cápsula correspondiente que cumple con los requerimientos de RTVC.

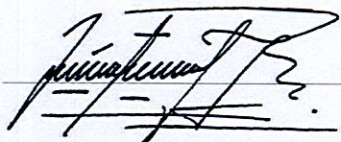
4. MEZCLADOR AUTOMÁTICO MICÓFONO / LINEA.

Me permito confirmar que el mezclador SHURE Modelo SCM810 contiene control lógico de activación de micrófonos. Para tal efecto adjuntamos las especificaciones técnicas detalladas y los detalles del producto que confirman el cumplimiento de esta funcionalidad.

5. RECEPTOR SATELITAL IRD BAJO ESTÁNDAR DVB – T2.

En línea con su solicitud nos permitimos adjuntar la hoja de datos y apartes del manual del usuario, correspondiente al IRD marca ERICSSON modelo RX8330, confirmando el cumplimiento de todas las especificaciones técnicas solicitadas por RTVC para este equipo. Se adjunta así mismo la hoja de datos del módulo CAM correspondiente. Debido al tamaño del archivo del manual del IRD ERICSSON, enviamos copia electrónica del mismo, vía Email para completar el requerimiento de RTVC.

Atentamente,



Ludwyng Cuervo
Gerente Técnico.

Adjunto: Hoja de especificaciones PLANTA CED6500S CABINADA
Hoja de especificaciones JM STANDS
Hojas de especificaciones SENNHEISER SKM 300 835 G3
Hojas de especificaciones técnicas SHURE SCM 810
Hojas de especificaciones técnicas ERICSSON RX8330
Hoja de especificaciones técnicas Módulo CAM
Apartes del manual del usuario IRD Ericsson

Total: 19 folios, incluida la presente comunicación.

1



PLANTAS

REF.	POT. MAX.	VOLT	ARRANQUE	MOTOR	POT. MOTOR	TANQUE, L	KIT RUEDAS	AUTON. @100% CARGA, HR
CED2500L	2.2	120/240-12DC	MAN.	WARRIOR	4.2hp	12.5	NO	12
CED4000L	3.3	120/240-12DC	MAN.	WARRIOR	6hp	12.5	NO	8
CED6500L	5	120/240-12DC	MAN.	WARRIOR	10hp	12.5	NO	6
CED6500LE	5	120/240-12DC	MAN/ELEC.	WARRIOR	10hp	12.5	NO	6
CED6500S CABINADA	4.5	120/240-12DC	ELECT.	WARRIOR	10hp	15	SI	7

- Modelo CED6500S con ventilador eléctrico, alarma de bajo nivel de aceite y solenoide de corte de combustible.
- Modelos con arranque eléctrico, batería incluida



2



Search entire store

Menu



JS-DMS50

JamStand® Series Desktop Microphone Stand

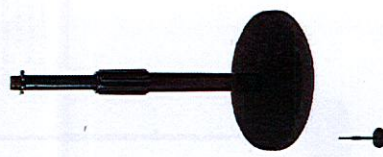
The JS-DMS50 Desktop Microphone Stand is the perfect solution when need a great, affordable mic stand for panel discussions, podcasting, and desktop voice overs! It features a solid die-cast round base for stability and an adjustable height of 8" to 12.25" and a non-slip rubber ring on the bottom of the base. Information, specifications, colors, and materials subject to change.



Guarantee

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Features Specs Documents Videos



Product Name: JS-DMS50
Part Number: 17310
Height: 8" - 12.25" (adjustable - 311mm)
Base Diameter: 7" (178mm)
Thread Size: 5/8"
Weight: 3.75 lbs. (1.7 kg)
Information, specifications, colors, and materials subject to change.

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Mic Stands

Mic
Mic Stands

JS-MCRB100 item# 16793

Round Base Mic Stand

JS-MCR8100 Features:

- Heavy die-cast brassical round base
- Heavy-duty steel construction
- Standard 5/8" threading
- Height adjustable to fit various needs
- Scratch-resistant, powder-coated black finish

JS-KD50 item# 17231

Kick Drum/Guitar Amp Mic Stand

JS-KD50 Features:

- Low-profile mic stand for kick drums and guitar amps
- Heavy-duty die-cast base
- Strong, durable steel construction
- Fixed-length boom arm

JS-KD55 item# 17451

Angle-adjustable Kick Drum/Guitar

Amp Stand

- Low-profile mic stand for tight spaces
- Heavy-duty die-cast base
- Angle-adjustable base for precise positioning
- Fixed boom arm provides even greater flexibility

JS-DMS50 item# 17310

Desktop Round Base Microphone Stand

JS-DMS50 Features:

- Height adjustable from 8" to 12.25"
- Scratch-resistant, powder coated black finish
- Non-slip rubber ring on bottom of base
- Solid die-cast round base

JS-DM575 item# 17311

Desktop Round Base / Gooseneck Microphone

Stand

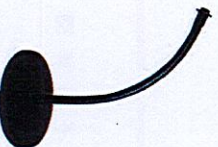
- JS-DMS75 Features:**
- Adjust microphone position quickly and easily with gooseneck shaft
 - Scratch-resistant, powder coated black finish
 - Non-slip rubber ring on bottom of base
 - Solid die-cast round base

JS-MMS1 item# 17259

Mini Desktop Tripod Mic Stand

JS-MMS1 Features

- Small, durable desktop mic stand
- Microphone clip included
- Perfect for desktop recording and pod casting
- Scratch-resistant powder-coated finish
- Tripod base for stability



ew 300 Sets

- ew 312 G3 Presentation Set
- ew 322 G3 Presentation Set
- ew 352 G3 Head Set
- ew 335/345/365 G3 Vocal Sets

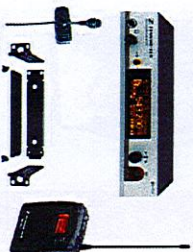
FEATURES

- Study metal housing (transmitter and receiver)
- 4.2 MHz bandwidth, 1.650 tunable UHF frequencies for interference-free reception
- 20 frequency bands with up to 24 compatible frequencies
- Ethernet port for connecting to the Wireless Systems Manager (WSM) software for control via computer
- High-quality true diversity reception
- Pilot tone search for eliminating RF interference when transmitter is turned off
- Automatic frequency scan feature searches for available frequencies
- Enhanced AF frequency range
- Increased range for audio sensitivity
- Wireless synchronization of transmitter parameter from receiver
- User-friendly menu operation with more control options
- Illuminated graphic display, receiver also shows transmitter settings
- Auto-lock function avoids accidental changing of settings
- HOX compander for crystal-clear sound
- Transmitter feature battery indication in 4 steps, also shown on receiver display
- Programmable mute function
- Integrated Equalizer and Soundcheck mode
- Contacts for recharging BA 2015
- Accupack directly in the transmitter
- Wide range of accessories adapts the system to any requirement

The ev 312 63 is a wireless microphone set, consisting of a True Diversity receiver, a bodyworn transmitter, a compact omni directional clip-on microphone, plus accessories. The bodypack transmitter features charging contacts for the optional rechargeable battery. Sync up the bodypack to the receiver wirelessly with the new wireless sync. Backlit graphic displays make them easy to read under all lighting conditions.



The ew 322 G3 consists of the same components as ew 312 G3 but with a compact cardioid clip-on microphone.



The ew 352 G3 consists of the same components as ew 312 G3 but with a headworn cardioid microphone.



ew 300 Sets

FEATURES

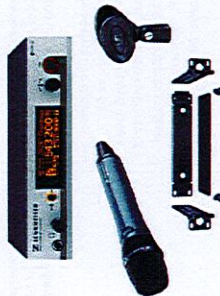
ew 335 G3/ew 345 G3/ ew 365 G3 Vocal Sets

- See above mentioned list of features plus
- Programmable Mute switch, easy accessible
- Handheld transmitter with easy-exchangeable microphone heads from evolution series

The ew 335 G3 is a wireless microphone set, consisting of a True Diversity receiver, a handheld transmitter with e 835 microphone head plus accessories. It is versatile for every style of music and presentations. A wireless link from receiver to the transmitter allows synchronization of frequencies for easy setup. Backlit graphic displays make them easy to read under all lighting conditions.

The ew 345 G3 consists of the same components as ew 335 G3 but with an e 845 microphone head.

The ew 365 G3 consists of the same components as ew 335 G3 but with an e 865 microphone head.



SKM 300-835 G3 SKM 300-845 G3 SKM 300-865 G3

Handheld vocal radio microphone

FEATURES

- Sturdy metal housing
- 42 MHz bandwidth: 1680 tunable UHF frequencies for interference-free reception
- Enhanced frequency bank system with up to 24 compatible frequencies
- Pilot tone squelch for eliminating RF interference when transmitter is turned off
- Enhanced AF frequency range
- Increased range for audio sensitivity
- Wireless synchronization via infrared
- Interface from receiver
- User-friendly menu operation with more control options
- Illuminated graphic display
- Auto-Lock function avoids accidental changing of settings
- HDX compander for crystal-clear sound
- Battery indication in 4 steps, also shown on receiver display
- Programmable Mute button
- Easy-exchangeable microphone modules from evolution series
- Contacts for recharging BA 2015 accusack directly in the transmitter
- Wide range of accessories adapts the system to any requirement
- Optimized PLL synthesizer and micro-processor technology
- Increased immunity to intermodulation and interferences in multi-channel operation
- Extended muting function due to MIC button on the radio microphone

The SKM 300-835 G3 gives you both power and control with new features such as a convenient menu interface, vivid graphic display, and programmable mute button. You can program the mute button to support push-to-talk, push-to-mute, and more if you choose.

Designed for absolute reliability and impressive sound, this handheld transmitter/microphone combination makes it easy to concentrate on what is important: your own performance.



SKM 300-845 G3

The microphone capsule of this handheld transmitter/microphone combination is based on Sennheiser's successful evolution 800 series. Power and presence meet control as the super-cardioid capsule rejects feedback while providing a rich and detailed reproduction of the voice. A programmable mute button silences the microphone when needed or can also be set to act as a push-to-talk mode.



SKM 300-865 G3

This handheld transmitter/microphone combination provides the user with a tool that is both powerful and sensitive at the same time. Elite condenser technology reproduces vocal nuances reliably and precisely. The super-cardioid characteristic guarantees the least possible feedback. Finally, the programmable mute button offers the valuable option of silence when it is needed.



 SENNHEISER

 SENNHEISER

ARCHITECT'S SPECIFICATIONS

The handheld vocal radio microphone shall be for use with a companion receiver as part of a wireless RF transmission system. The radio microphone shall operate within 54 UHF frequency ranges, each with a 42 MHz switching bandwidth: 516-558 MHz, 566-608 MHz, 628-668 MHz, 734-776 MHz, 780-822 MHz, 823-865 MHz. Transmission frequencies shall be 1,680 per ramp and shall be tunable in 25 kHz steps. The radio microphone shall feature 20 fixed frequency banks with up to 24 compatible frequency presets and 6 user banks with up to 24 user programmable frequencies. Nominal/peak deviation shall be ± 24 kHz/4.48 kHz. Frequency stability shall be ± 5.415 ppm. RF output power at 50 Ω shall be switchable between 10 mW (Low) and 30 mW (Standard). The radio microphone shall incorporate the Sennheiser HDX compander system and a detachable pilot tone squelch. Audio frequency response shall range from 80-18,000 Hz. Signal-to-noise ratio at 1 mV and peak deviation shall be ≥ 115 dB. Total harmonic distortion (THD) shall be $\leq 0.3\%$. Input sensitivity shall be adjustable within a 48 dB range in steps of 6 dB. The radio microphone shall be menu-driven with a backlit LCD display showing the current frequency, frequency bank, and channel number, metering of AF level, transmission status, lock status, pilot tone transmission, muting function, and battery status. An auto-lock feature shall be provided to prevent settings from being accidentally altered. The radio microphone parameters shall either be configurable in the associated receiver's menu and synchronized with the radio microphone via an integrated infrared interface or shall be programmable in the radio microphone menu.

Continued on page 3

TECHNICAL DATA

Modulation	Wideband FM
Frequency ranges	516-558, 566-608, 628-668, 734-776, 780-822, 823-865 MHz
Transmission frequencies	1,680 frequencies, tuneable in steps of 25 kHz
Frequency banks	20 frequency banks, each with up to 24 factory preset channels
Frequency presets	6 frequency banks, each with up to 24 user programmable channels
Switching bandwidth	42 MHz
Nominal/peak deviation	± 24 kHz/4.48 kHz
Frequency stability	± 5.415 ppm
RF output power at 50 Ω , switchable	Typ. 10 mW (Low) Typ. 30 mW (Standard)
Pilot tone squelch	Can be switched off
Compander system	Sennheiser HDX
AF frequency response	80-18,000 Hz
Signal-to-noise ratio (1 mV, peak deviation)	≥ 115 dB
THD	$\leq 0.3\%$
Adjustment range of input sensitivity	-48 dB, adjustable in 6-dB steps
Temperature range	-10°C to +55°C
Power supply	2 AA size batteries, 1.5 V or BA 2015 alkaline
Nominal voltage	2.4 V
Current consumption	Typ. 180 mA (30 mW) at nominal voltage
at nominal voltage	≤ 25 μ A with switched-off radio microphone
Operating time	Typ. 8 hrs approx. 0.50 mm (2")
Dimensions	X 265 mm (10.4")
Weight (incl. batteries)	X approx. 450 g (15.9 oz)

Continued on page 3

SKM 300-835 G3

Transducer / microphone type	dynamic
AF sensitivity	2.1 mV/Pa
Sound pressure level (SPL)	154 dB(SPL) max.
Pick-up pattern	cardioid

SENNHEISER

ARCHITECT'S SPECIFICATIONS

Power shall be supplied to the radio microphone by two 1.5V AA size batteries or by one Sennheiser BA 2015 rechargeable accumulator. Nominal voltage shall be 2.4 V, current consumption shall be typical 180 mA (30 mW) at nominal voltage, ≤ 25 μ A when radio microphone is switched off. Operating time shall be typical 8 hours. The radio microphone shall have a rugged metal housing; dimensions shall be approximately 50 mm (1.97") in diameter and 265 mm (10.43") in length. Weight, including the batteries shall be approximately 450 grams (15.87 oz). Operating temperature shall range from -10°C to +55°C (+14°F to +131°F). A range of microphone heads shall be available for the radio microphone. The radio microphone shall be the Sennheiser SKM 300 G3.

The microphone head shall be a dynamic type designed for use with the ew G3 handheld radio microphones. It shall have a cardioid pick-up pattern and a sensitivity of 2.1 mV/Pa. Maximum sound pressure level shall be 154 dB SPL. The microphone head shall be the Sennheiser MMD 835-1.

The microphone head shall be a dynamic type designed for use with the ew G3 handheld radio microphones. It shall have a super-cardioid pick-up pattern and a sensitivity of 1.6 mV/Pa. Maximum sound pressure level shall be 154 dB SPL. The microphone head shall be the Sennheiser MMD 845-1.

The microphone head shall be a condenser type designed for use with the ew G3 handheld radio microphones. It shall have a super-cardioid pick-up pattern and a sensitivity of 1.6 mV/Pa. Maximum sound pressure level shall be 152 dB SPL. The microphone head shall be the Sennheiser MME 865-1.

TECHNICAL DATA

SKM 300-845 G3	
Transducer / microphone type	dynamic
AF sensitivity	1.6 mV/Pa
Sound pressure level (SPL)	154 dB(SPL) max.
Pick-up pattern	super-cardioid

SKM 300-865 G3	
Transducer / microphone type	electret-condenser
AF sensitivity	1.6 mV/Pa
Sound pressure level (SPL)	152 dB(SPL) max.
Pick-up pattern	super-cardioid

DELIVERY INCLUDES

- 1 SKM 300 G3 radio microphone incl. microphone head
- 2 AA size batteries, 1.5 V
- 1 Microphone clamp
- 1 Instruction manual
- 1 Frequency information sheet
- 1 RF licensing information sheet

SENNHEISER

SHURE

MENU



SCM810 8-Channel Automatic Mixer

\$1,365.00

This recognized standard in automatic mixing. A great solution for recording studios.

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Product Details

This eight-channel automatic mixer features the Shure patented IntelliMix®B, which activates only microphones being addressed, minimizing poor audio caused by multiple open microphones.

The SCM810 is designed specifically for installed sound applications.

Features include adjustable EQ per channel, 48 V phantom power, active balanced microphones, or line-level inputs, line-level outputs, highly RF resistant chassis and circuitry, complete logic control of microphone activation, timing capacity for up to 400 microphones, with an internal power supply, 1200233 VDC power.

Features

- Eight balanced mic-line input channels (Phoenix block connectors)
- One unbalanced 1/8" aux level input
- Eight unbalanced 1/4" direct line level outputs
- One balanced master line level output (Phoenix block connector)
- Selectable 48V phantom power per channel
- Level selectable peak output limiter
- Full rack width (single rack height)

Applications
Broadcast
Sound Reinforcement
Broadcast / ENG

Model Ura
SCM

Software & Downloads

CAD Drawings

SCM810 CAD Drawing

ZIP

94.9 kb

Specification Sheets

SCM810 Specification Sheet

PDF

404 kb

User Guides

SCM810SCM810NZ User Guide US

Product Support

SCM810 Test Description

The Shure Model SCM810E is an eight-channel automatic microphone mixer designed for use in so...

SCM810 and SCM800 AUX Input Connection

The IntelliMix®B inputs on both the front and rear panels of the SCM810 are designed for li...

SCM820 versus SCM810 - unique features

Below are features unique to the SCM820. IntelliMix®B; Technology & built; IntelliMix m...

SCM810 Aux In Circuit

1) Unbalanced. 2) Yes, it will sum stereo T/P and RingIn inputs into mono.&chip;chip; Tip a...

SCM810 Input Gain Realization

I read in Answer ID 3480 that older SCM810s have 13db more gain than newer ones. * This is k...

SCM810 DB25 Female connector with screw terminals

L-Conn Global Connectivity offers a DB25 female connector with screw terminals, model DBB25FT, ...

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ERICSSON RX8330



Distribution Receiver

The Ericsson RX8330 Distribution Receiver provides feature-rich multi-format standard definition decoding capability with high quality SDI output for video distribution applications. The RX8330 gives the user access to technologies to allow for the most cost-effective and bandwidth transmissions possible while ensuring the highest standards of reliability and video quality.

The RX8330 offers both ASI and DVB-S2 capable satellite input interfaces. As security of content is always of paramount importance, compatibility with popular CA systems including DVB Common Interface is provided. The RX8330 shows its true class through its capability for multi-format decoding of all SD 4:2:0 video standards combined with high quality SDI digital video and analog video outputs. This capability is further enhanced by the RX8330's ability to receive, and down-convert HD video to SD providing an SD output for broadcast or monitoring. For systems that stay in the compressed domain, decrypted transport streams can be handed off into digital networks through a choice of both ASI or optional IP output interfaces.

PRODUCT OVERVIEW

The Perfect Choice for a Large Network

The RX8330 is the perfect receive device for distribution of video services throughout a large network. The RX8330 provides the most up-to-date feature-set, combining maximum transmission efficiency with easy remote management of the receiver population.

Decrambling for Content Turn-Around

The RX8330 provides the capability to decramble single or multiple services to feed content turn-around systems enabling cost-conscious, efficient transcode systems.

Broadcast Efficiency

The RX8330 in combination with Ericsson's MPEG-4 AVP encoders leads to a highly efficient video distribution system. Combined with the additional services to feed content turn-around systems, the RX8330 allows operators to achieve three times the amount of content through a transport.

Multi-format Decoding

The RX8330 decodes all major SD video formats in use today providing complete flexibility for day operations. The RX8330 also provides the capability to receive and decode HD video, allowing operators to begin to transition MPEG-4 AVC SD but also continue to work in MPEG-2 SD. With the RX8330 they can migrate at their own pace.

Simplified Control and Lower Cost of Operations

Organizations with large populations of RX8330 receivers and other Ericsson receivers can simplify control by integrating with Director by using the Director's remote control, single-view control from a central location, reducing the need to service local operations.

BASE UNIT FEATURES

RX8330 - Distribution Receiver

Chassis: RX8330BAS/A, FAZ 101 0108521

Base Value Pack (RX8330XSWON/PB/BS, FAZ 101 010858)

The following features enable the RX8330 for Single Service descrambling applications:

- Four input DVB-S and DVB-S2 input satellite demodulator
- ASI transport stream input and output
- Single service descrambling for DVB Common Interface CA, BISS and Ericsson Director CA systems
- Director On-air control and software download
- MPEG-2 SD decode for monitoring
- SD Composite and SDI interfaces
- Front panel and VCR browser control with alarm relay
- SCTE 35 controlled content closures for ad-insertion signaling

RX8330 - Russian SECAM Receiver (RX8330BAS/RSECAM/A, FAZ 101 010853)

In addition to capability shown above the RX8330BAS/RSECAM/A provides:

- Russian SECAM composite output

RX8330 - IP Output Receiver (RX8330BAS/IP/OUT/A, FAZ 101 010854)

In addition to capability shown above the RX8330BAS/IP/OUT/A provides:

- IP transport stream output interfaces

Additional capabilities offered:

- DVB-S2 Higher Order Modulations
- Full SD multi-format decode with SDI output
- HD to SD down-conversion
- Multi-service decryption
- Two service pair AAC and Dolby® Digital audio decoding with 5.1 to 2.0 down-conversion
- MPEG IP data de-encapsulation
- Single service filtering and PID remapping
- Multi-service filtering and stream splitting

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VALUE PACKS

The RX8330 provides Value Packs to bolster the core capability with useful functionality. By topping-up RX8330 capability, the unit can be deployed into additional applications.

SD Decode Value Pack (RX8330XSWON/PSD, FAZ 101 010856)

- Enables RX8330 for SD decoding capability
- Multi-format MPEG-2 and MPEG-4 4:2:0 SD decoding
- Enables high-quality SDI video output
- Enables Dolby Digital and AAC audio decode
- Enables single service filtering

HD Decode and Down-Conversion Value Pack (RX8330XSWON/PHD, FAZ 101 010857)

In addition to the capability provided by the SD Decode Value Pack the HD Decode and Down-Conversion Value Pack also enables:

- Multi-format MPEG-2 and MPEG-4 4:2:0 HD decoding and down-conversion to SD for output on SD-SDI and composite outputs

Multi-Service Descrambling Value Pack (RX8330XSWON/PM/MSD, FAZ 101 010858)

RX8330 Base or Decode Value Pack capability can be complemented by adding the Multi-Service Descrambling Value Pack. This functionality provides:

- Multi-service descrambling capability for Common Interface, BISS and Director CA systems
- Multi-service filtering and stream splitting

DVB-S2 Higher Order Modulation Value Pack (RX8330XSWON/PM/HOM, FAZ 101 010860)

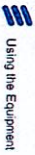
The DVB-S2 demodulation capability in RX8330 can be further increased by adding the DVB-S2 Higher Order Modulation Value Pack. This Value Pack enables:

- DVB-S2 16APSK and 32APSK higher order modulation

IP Output Value Pack (RX8330XSWON/PIP, FAZ 101 010859)

Enables the IP output on the RX8330BAS/IP/OUT/A base unit. Provides IP TS output. MPEG high speed data de-encapsulation.

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3.14.2.1 Order Items

Option Name	Card Number	FAZ Number	Marketing Code
Balanced Analogue and Digital Audio Output Providing 2 Stereo Pairs of Audio	ROA 128 3760	FAZ 101 011313	RX8200/HWO/BAL/AUD
XLR Terminal Audio Break-out Cable	RPM 901 364	FAZ 101 010824	RX8XXX/CABLE/XLR
Screw Terminal Audio Break-out Cable	RPM 901 365	FAZ 101 010823	RX8XXX/CABLE/SCRT

3.14.2.2 License Keys

Marketing Code	Description	FAZ Number	License Key Name
RX8200/SWO/4AUD	4 x Audio Capacity (Enable additional audio decoders)	FAZ 101 011320	RX8200/SWO/4AUD

3.14.3 Audio Formats Supported by the RX8000

The RX8000 supports the following audio formats. Where indicated, some of the formats may be limited to pass-thru only.

- = Option B = Supplied with Base Model f = Pass-Thru only
- = Pass-Thru or decode

	RX8200	RX8252	RX8305	RX8310	RX8310B	RX8315	RX8320	RX8330	RX8330C
MUSICAM	B	B	B	B	B	B	B	B	B
Dolby E	B†								
Linear	B†								
Dolby® Digital Plus (E-AC-3)	B†								
Dolby® Digital (AC-3)	•		•	•	•	•	B	•	•
AAC	•		•	•	•	•	B	•	•
PAA	•								

3.14.3.1 Order Items

Option Name	Card Number	FAZ Number	Marketing Code
No option cards are required for this feature			



3.5

SNMP

Simple Network Management Protocol (SNMP) is available as a standard feature on all of the RX8000 IRDs.

SNMP is a network protocol used to monitor network-attached devices for conditions that warrant administrative attention. SNMP consists of a set of standards for network management, including an application layer protocol, a database schema, and a set of data objects.

The RX8000 IRDs support SNMP Versions 2C and 3.

3.5.1

Setting Up SNMP Remote Control

SNMP remote control is enabled by default.

To set up SNMP remote control:

1. Ensure the Web Browser Interface is connected and working and switch over to the Advanced View mode.
2. From the browser SNMP tab, select the version of SNMP required (V2C or V3).
3. Ensure the trap community, read-write community, and read-only community are configured as public or private in the same way as the MIB browse or SNMP application being used.

SNMP > Parameters

Figure 3.15 SNMP Web Page

- **Version** – Enables selection of the SNMP version from a drop-down menu.
- **Sys Services** – Enables input of a value for MIB-2 services that this device primarily offers (MIB-II RFC1213). See MIB-2 for definition.
- **System Name** – Enables input of a MIB-2 sys name, which should be an administratively-assigned name.

SMIT Professional CAM Specification

----Irdeto Standard Security

Product Description:

- ◆ The CAM can be used on IRDs, which has DVB-CI interface
- ◆ Meticalously tested with IRDs models from Europe, the middle East, Australia, Asia
- ◆ The CAM supports Irdeto Softcell3.0 enhanced secure features (optional)
- ◆ With an authorized Irdeto smart card, the CAM gives access to DVB encrypted program

Chipset & TS bandwidth:

- ◆ Based on the Embedded 32-bit CPU (ARM7TDMI)
- ◆ Adopting advanced 0.18-micron technology
- ◆ Flash Size: 4M Bytes
- ◆ RAM Size: 384K Bytes
- ◆ TS process bandwidth: Up to 96Mbps
- ◆ Limited thermal aging test is over 24 hours

Physical & Electrical Characteristics:

- ◆ Dimensions: Type II PCMCIA card (100mm x 58mm x 4mm)
- ◆ Connector: 68-pin PCMCIA slot
- ◆ Operation voltage: 4.5V ~ 5.5V
- ◆ Operation current: <150mA
- ◆ Low power consumption: < 600mW

Standard:

- ◆ Plug and Play
- ◆ Compatible with DVB-CI standard (EN50221)
- ◆ Compatible with ETR289
- ◆ Compatible with ISO7816 T=0/T=14 protocol, Class A and Class B
- ◆ Compatible with MPEG-2/MPEG-4
- ◆ Compatible with the RoHS Directive 2002/95/EC and its subsequent amendments

Descrambling & Filtering:

- ◆ Supporting common descrambling algorithm of Europe
- ◆ Multi services descrambling (Optional), up to 8 services descrambling
- ◆ Up to 24 configurable PID filters for filtering packet or section data

Software Upgrade:

- ◆ Support OTA software upgrade
- ◆ Secure Loader for more secure, stable and efficient software upgrade