Bruce Woodruff

Experienced technical communicator with broad experience in graphic design, illustration, technical writing, photography, and web design

Advertising
Design & Layout
Illustration
Photography
Technical Writing
Web & Multi-Media

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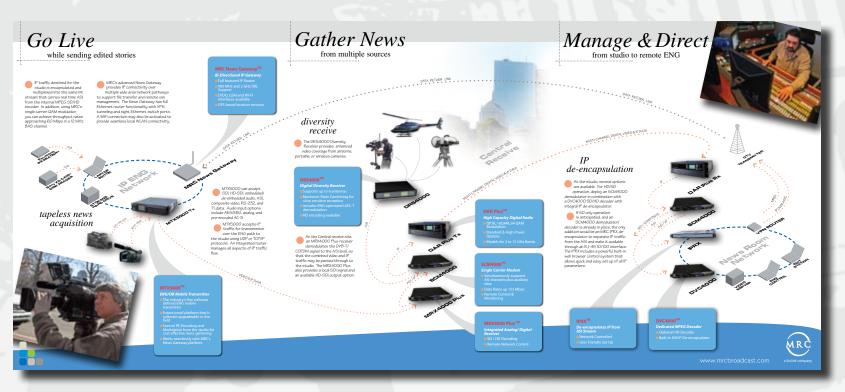
 Advertising design for over 35 US & international trade journals covering broadcast, public safety, & tactical markets.

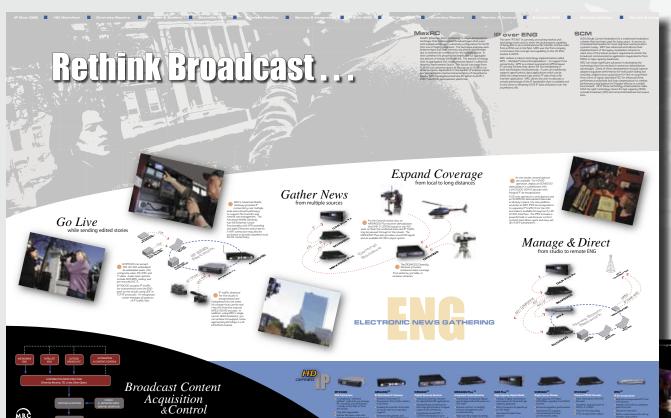












• 2 sided poster mailers (22" x 34") Joined end to end (22" x68")





Service & Integration • Single to Multi-page Datasheets

Simplified Controls



STRATA's single control switch lets you quickly change system presets, or make changes on the fly to existing programmed

One Button Control . . .

Displays Analog FMR: Pre Operating Mode, Deviation, Video I

STRATA Configurator Software

STRATA Configurator lets you create, modify, and save several system modify, and save several system configurations in storable presets prior to taking the system to the field. This feature is helpful for setting either analog or digital configurations, frequency, channel offset, and modulation schemes.

Setting system presets can be a time saver when you need to quickly set up at a remote location, or recall configuration presets at up to 9 presets you tend to use often.

- Configurator Programmed:
 Signal Input: Composit Video, SDI, ASI, or IF
 Video Bars: On, Off, or On when video is not
- Niceo Bars: On, On, or On Wile present at signal input
 Audio: 2x Stereo or 4x mono
 Frequency: Channel, offsets

one combination push button/ rotary switch:

Rotate right for display menus Rotate left for active menus Modify settings by selecting menus, press to save

Press to Transmit or Standby mode (Transmitter)

- Front Panel Display Radio parameters displayed:
- · Audio input detection
- Audio lock
- · COFDM output level
- Frequency lock
- · RF output power

Remote Control

STRATA Remote Control panels for both Transmitter and Receiver meet STATION Remote Uniform planets or out in institution. Suitable for a riborne, althorne pain althorne, and the state of installation. Suitable for airborne, mobile, or fixed paint railed installation, both transmit and receive panels let you control and molinor alion facilities are simplified ergonomic designs. Panels back lit display intensity can be set manually or to auto-adjust to outside or at the simple cabin light.





STRATA Transmitter Remote Control Front Panel

STRATA

Overview

TX Con

Front panel (

Analog: Preset, S Filter, Set Monitor,

Audio De-emphas

Digital: Preset, B Modulation, Bandy Vertibi, FEC, COFE Lock/Unlock, Erro

Configurator

(RS-232 connection

Main: Connect to Select Module Opt Settings

Radio: Preset, Se Level, Monitor Se

COFDM: COFDM

MPEG: NTSC Ped Audio Output (An

FMR: Preset, Vide (On/Off), Audio Ch De-emphasis/filter

Channel Plan: Co Band (2/7 GHz), (Plan.Default FCC I

RX Con Front Panel

Analog: Preset, S Filter, Set Monitor On/Off

Digital: Preset, Se Filter, Set Monitor, On/Off

Analog FMR: Pre

Audio De-emphasis (On/Off), Error Screen

Digital: Preset, Band, Frequency, Link Quality, Channel,
Modulation, Bandwidth, FEC, Guard Interval, Pre/Post
Vertibi, FEC, COFDM Lock/Unlock, Video Output, Audio
Lock/Unlock, Error Screen

Main: Connect to Radio, Load Presets, Save Presets, Select Module Options, Program Radio, Upload Radio Settings Radio: Preset, Select Filter (Analog/Digital), Squelch

RX Configurator Software Menus

Audio Channel Frequency (4 channels), Select Channel Plan: Center Frequency, Offset (+/-), Select Band (2/7 GHz), Clear Channel Plan, Load channel Plan, Default FCC Plan, Save Channel Plan

(RS-232 connection to PC or laptop)

Monitor Select (IF/ASI), COFDM: COFDM Bandwidth (6,7, 8 MHz) MPEG: NTSC Pedestal (On/Off), Color Bars (On/Off) Audio Output (Analog/AES-EBU), BISS-ror BISS-E keys FMR: Preset, Video Deviation (3/4 MHz), Low Pass Filter (On/Off).

Displays

Portable Microwave Systems

STRATA, a field proven system for

outside broadcast, portable ENG,

mobile, or airborne applications.

radios giving you the ultimate

STRATA's modular design removes

flexibility in deploying a microwave

STRATA's versatility lets you adapt

quickly to any situation whether it

is simplex, duplex, or a multi-hop

be configured for analog, digital, or switchable analog/digital. Units

can be swapped between mobile,

depending on where they're most

STRATA is a cost effective investment

needs, allowing you to gradually build

for your immediate as well as future

airborne, or fixed applications

and expand your system.

VISLINK GROUP

link. Transmitters and receivers can

the constraints of traditional portable

Applications

- ENG / TNG Broadcast Outside Broadcast
- Mobile Vehicle or Motorcycle
- Public Safety

Features

- · Easy Installation for Tripod. Airborne, or Vehicle
- · Weatherized, Lightweight Rugged Design • "1 Box", "2 Box", or "Split Box"
- Configurations · Analog, Digital, or Analog/ Digital Switchable
- Simplex, Half Duplex, Full Duplex, or Diplex Configurations
- MPEG Encoding (4:2:0, 4:2:2)
- DVB-T Compliant COFDM Modulation with Selectable Guard Interval
- Digital Modulation for QPSK, 16QAM, and 64QAM
- NTSC or PAL Modulation with 2
- . Front Panel or Remote Control
- Wide choice high gain antennas
- Cost Effective Modular Solutions

Frequencies:

• 2 to 13 GHz in Selected Bands



"2 Box" Systems



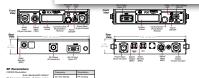














RXU







"1 Box" Systems





13 GHz TXU

• Concept drawing using bit map and vector art





• Field photographs for LINK Research at 2006 All Star Game













No. 400xxx

Firmware: 1.011



TRANSMITTER

- OPERATOR'S GUIDE
- 1 Introduction
- 2 Installation
- 3 Powering the STRATA Transmitter
- 4 Front Panel Controls
- 5 STRATA Tx Configurator
- 6 Audio & Video Connections
- A Error Codes
- B Channel & Fequencies

Operator's Manual



ATA TX Remote Control Panel Operator's Guide (400489) ATA TX Aircraft Remote Control Panel Operator's Guide (400490)

For more information, refer to "Front Panel Controls," Section 4 on page 4-1.

1.5 Remote Control Operation

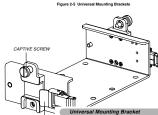
For portable, mobile, or airborne installations, two remote control panels are available:

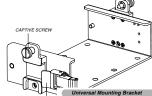
- available:

 STRATATX Standard Remote Control Panel (Figure 1-6) Features 10 selectable presets. For creating presets, see "STRATATA Tax Configurator," STRATATA Tax Configurator, "STRATATA Tax Configurator," STRATATA Tax Conford Panel (Figure 7-7) Simplifiled version of the standard model featuring 2 presets for ease of operation. Both models feature auto or manual display intensity controls.

2.5.0.1 STRATA TX Remote Control Panel (Figure 1-6)

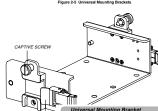
- 10 Preset Selections
 Transmit/Standby mode
 HI or Low power output mode





Follow these steps to remove units from a stack.

Step 1 Loosen the captive screws on both sides of the unit as shown in Figure 2-6.



STRATA TX Operation Guide 400

Universal Mounting Bracket

2.3 Universal Mounting Bracket

The Universal Mounting Bracket (U-Bracket) lets you install multiple units as shown in Figure 2-4, Individual units are mounted to a single bracket using a set of latches (Figure 2-5). Brackets can be easily added and removed from a stack of units using the two captive screws on either side of the bracket. In addition, units can be removed from their brackets without removing it form the stack.

Due to the added height of the High Power Unit, it must always be installed at the top of the stack of units.

2.3.1 Adding and Removing Units from the Stack Step 2 Once the captive screws are loosened, lift the unit from the stack as shown in Figure 2-7. Figure 2-7 Removing Unit from Stack with Universal Bracket

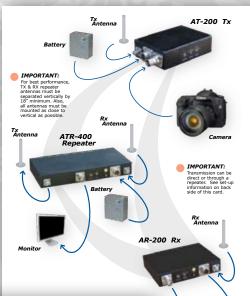


Step 3 To install the bracket, reverse these steps.

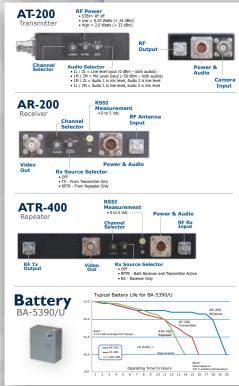
2-5

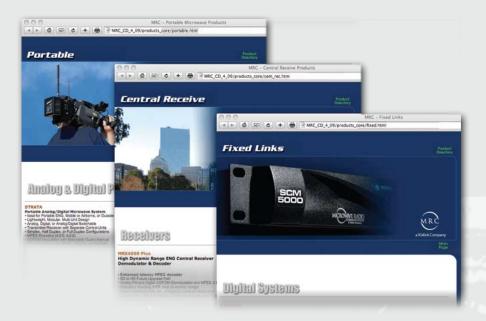
STRATA TX Operation Guide

 Pocket Look Up Guides



Quick Reference Guide





Web Product CD



Secure communications

This website is intended for use by any thomis employees. Use the its access surred discurrents for producing Soft screen and principals.

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VISLINK

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Chause the location to save the the

VISLINK Corporate Logos (3PG)

VISLINK **VISLINK** VISLINK