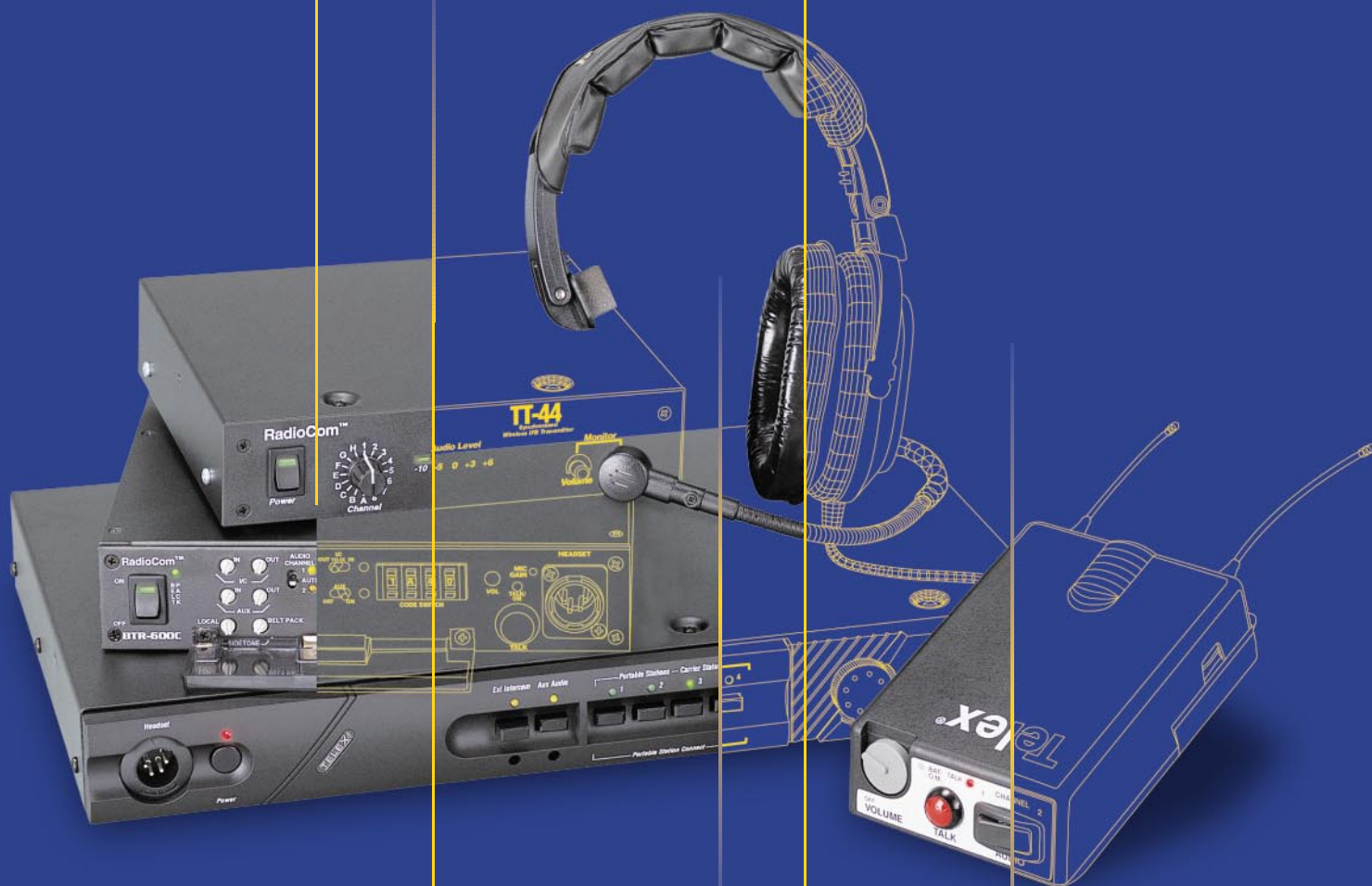


RadioCom™

w i r e l e s s i n t e r c o m s



Telex®/RTS®

BTR-600

The Telex® RadioCom™ BTR-500/600 UHF Wireless intercom systems offer the ultimate in reliable, high performance, high fidelity, full duplex communications. Operating in the 520 to 760 MHz range the units operate reliably at distances of over 1,000 feet. Various types of log periodic antennas are available that can increase the effective range to ½ mile or more depending on site conditions.

The BTR-600 series incorporates Auto-switching 2 channel audio operation, permitting the belt pack user to select between 2 separate audio channels of communication. Auto-switching provides the flexibility to create private and party lines within the same belt pack.

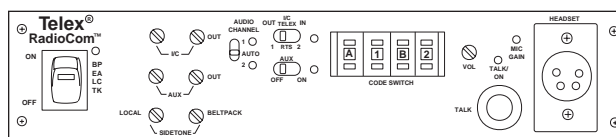
The BTR-500/600 series also incorporates two channel frequency agility. The base station and belt pack have two UHF transmit frequencies and two UHF receive frequencies that allow the user to escape frequency interference problems that may arise.

The BTR-500/600 series is perfectly suited for stand-alone (single drop) operation and easily expands up to 16 BTR/TR sets permitting up to 32 discrete full duplex channels. The systems are fully compatible with RTS™ TW and Audiocom™ party line intercoms, as well as RTS Digital Matrix systems and other 4 wire communications systems. The systems easily adapt to other types of party line intercom. The base station also allows connections for auxiliary balanced line level audio input and output.

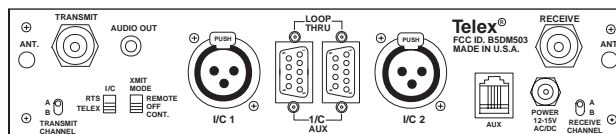
The BTR-600 series includes a unique patented digital encryption process for those who need secure full duplex communications. The 600 series offers over 65,000 code settings that can be changed on the fly by means of 4 cipher code switches on the units.

**Code Switch:**

Allows operator to select up to 65,000 different cipher codes (BTR-600 set only).



Front

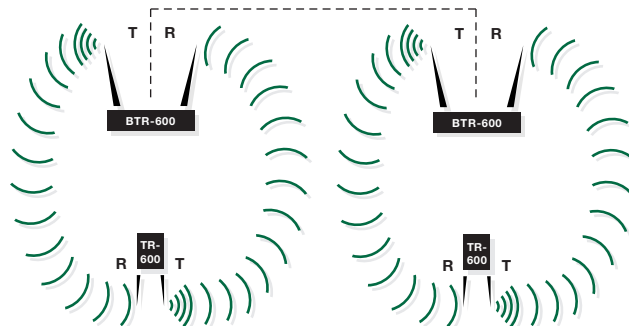


Back

**Shown:**

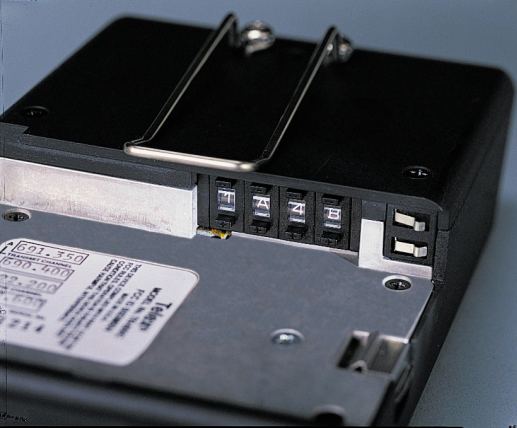
National Football League Coaches' System featuring 8 BTR-600 sets and an SC-600 Antenna combiner.

(Units linked with interconnect cable provided.)

**How The System Works:**

The BTR-500/600 set provides full duplex communications with a single belt pack transceiver. The BTR-500/600 base station transmits a UHF frequency that the TR-500/600 receives and simultaneously transmits a UHF frequency that the base station receives.

1 to 16 BTR-500/600 sets may be operated simultaneously permitting full duplex communications. Units can be linked together to create private or party line communications (units linked with interconnect cable provided).



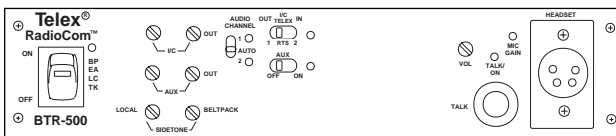




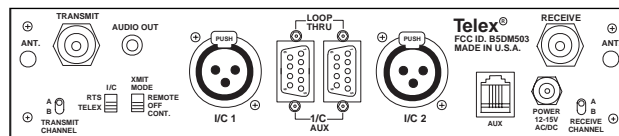
BTR-500 TR-500



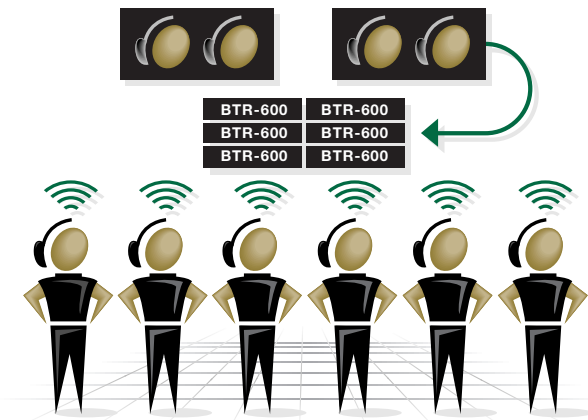
The BTR-500 series includes the BTR-500 frequency agile base station, working with the TR-500 transceiver belt pack. The BTR-500 base station provides full duplex communications with a single belt pack, or can accommodate multiple belt packs operating in push to transmit mode. 16 BTR-600s (or more) may be operated simultaneously, permitting 32 (or more) discrete full duplex channels.



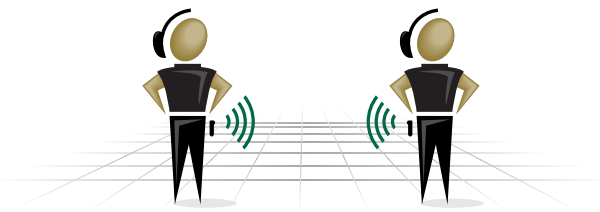
Front



Back



Shown:
6 "drop" system interfaced into wired party line intercom



Mirror Image System:
Belt pack to belt pack

Standard Features

BTR500/600 — TR500/600

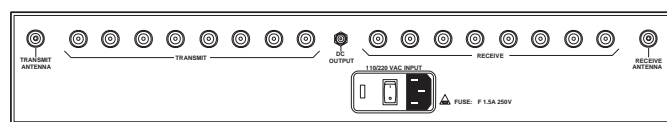
- Full duplex
- 520-760 MHz band
- Two channel Audio auto-switching
- Dual frequency agility
- Modular design 1-16 sets
- All metal, weather-resistant belt pack
- Dual function talk button—momentary or locked on
- Individual level controls-providing unparalleled user flexibility
- Direct interface to RTS TW and Telex Audiocom
- Easily adapts to Clear-Com® systems
- Digital Matrix compatible
- Made in the USA
- 3 year warranty



Base#	A Tx/TV CH	B Tx/TV CH	A Rx/TV CH	B Rx/TV CH
Group Four (4)				
1	523,050	522,550	713,150	712,650
2	542,375	541,875	724,700	724,200
3	567,850	567,350	728,000	727,500
4	577,150	576,650	733,750	733,250
5	592,525	592,025	741,575	741,075
6	616,100	615,600	747,100	746,600
7	635,900	635,400	751,300	750,800
8	653,000	652,500	753,850	753,350
9	669,475	668,975	755,925	755,425
10	675,975	675,475	757,575	757,075
11	692,225	691,725	758,900	758,400
12	706,100	705,600	759,900	759,400
Group Five (5)				
1	526,500	527,000	647,300	647,800
2	530,200	530,700	661,200	661,700
3	533,000	533,500	667,100	667,600
4	537,700	538,200	682,800	683,300
5	551,400	551,900	688,900	689,400
6	556,300	556,800	703,000	703,500
7	561,800	562,300	714,600	715,100
8	581,000	581,500	737,500	738,000
9	585,450	585,950	739,950	740,450
10	598,450	598,950	747,650	748,150
11	639,100	639,600	748,450	748,950
Group Seven (7)				
1	523,000	526,700	707,900	711,100
2	540,795	542,400	727,800	730,200
3	630,600	634,000	737,400	740,100
4	643,300	644,900	745,300	746,500
5	679,500	682,500	751,300	752,000
6	697,800	699,600	757,000	759,000
Channels A and B may be mixed within this group				
placing orders for BTR 500/600 use				
Exsample: 71205200-SPGroup 5 #4				

SC-600

The SC-600 Amplified Broadband Splitter-Combiner makes it possible to operate eight UHF wireless intercom base transceivers using only two antennas. In addition to accommodating eight transmit and eight receive antennas, it provides power connection for up to eight base transceivers. It also features a high degree of output isolation—a necessity in multi-frequency systems to prevent intermodulation. It is the ideal complement to your BTR500/600 UHF Wireless Intercom System.



Back

TT-44
TR-34

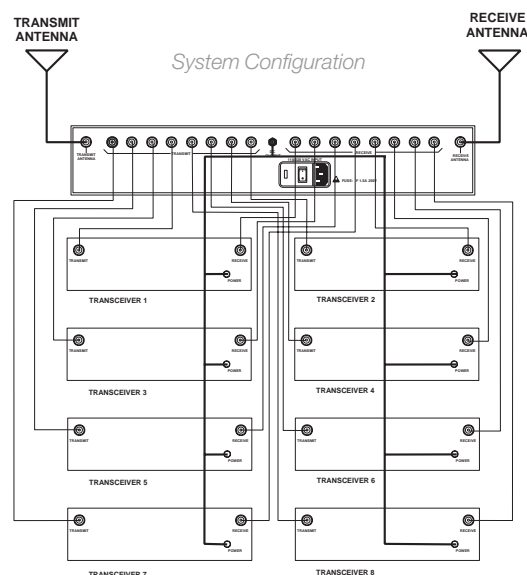
**TT-44**

The Telex RadioCom TT-44 is a 16 channel synthesized wireless IFB transmitter designed to provide a wireless link to on-air talent in the studio or while you are in the field. Operating in the 64-68 MHz range the units operate reliably at distances of over 750 feet.

The TT-44 transmitter has a 3 pin XLR input on the back of the unit with a selector switch to accept either RTS TW, Telex Audiocom/RadioCom, or other types of wired and wireless intercom input. There is also a 1/4" unbalanced line level signal input jack. The TT-44 offers the flexibility of tuning 8 of its frequencies in the TV channel 3 band and 8 in the TV channel 4 band for ultimate agility while in the field. Up to 5 transmitters will operate simultaneously within the same environment.

TR-34

The TR-34 is a 16 channel tunable talent receiver that is designed to be used with the standard IFB earpieces such as the Telex Telethin announcers earpiece systems or any other 8-500 ohm earphone. The TR-34 features a selectable high frequency boost control to equalize the high frequency loss associated with the use of behind the collar acoustic tubes and earphone drivers. The receiver also features a lighted bezel for easy channel identification and auto power off when the earphone is removed from the jack. The TR-34 operates on two standard AA batteries and will operate for up to 40 hours on alkaline batteries.

**Earsets**

The Telex earset components are designed for inconspicuous listening for on-camera talent and are used by nearly every major television network. Earset components are made up of interchangeable parts which simply snap together—this allows the users to construct a version that best suits their particular needs.

The earset components shown in the photo (left) include an earmold (available in left or right—small, medium, or large); an acoustic eartube with clothing clip (model ET-2); a Telethin audio driver (model RTV-04 is a 125 ohm driver—other impedance values are available); and a 5 foot, low luster beige cord with 1/8" plug (model CMT-92).

There are other options for the earpiece component—one of which is called an "earcone" (not shown). A complete earset system including one of each size earcone (small, medium, or large) can be ordered as follows: Model CES-2 includes one of each size earcone (BT-2, BT-3, BT-4); an acoustic eartube with clothing clip (model ET-4); a Telethin audio driver (model RTV-04); and a cord with 1/8" plug (model CMT-98).



BTR-200

BTR-200

The Telex RadioCom BTR-200 series is a full duplex VHF highband wireless intercom system (full duplex refers to talk/listen at the same time). Operating in the 150-216 MHz range the units operate reliably at distances of 1000 feet or more.

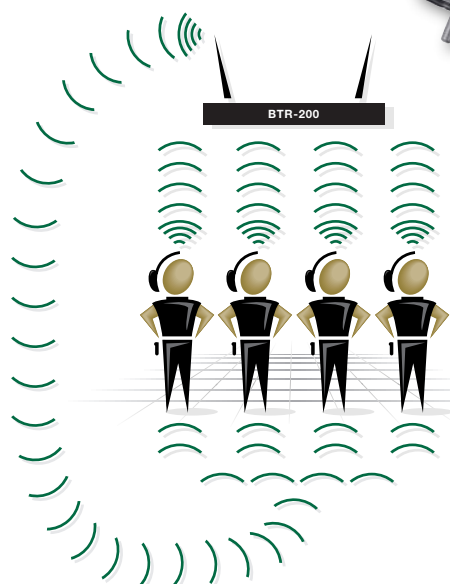
The 200 series is a four channel base station transceiver with unique receive channels allowing four belt pack transceivers to operate in full duplex communications. For convenience in ordering, there are several preselected frequency groups carefully coordinated by the Telex RF engineers for system

compatibility. High selectivity between channels is achieved through an exclusive computer designed IF filter system and a dual conversion IF for greater selectivity and adjacent channel rejection.

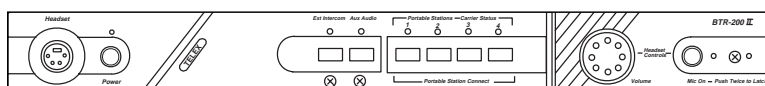
The 200 series offers a built-in interface to RTS TW, Audiocom and Clear-Com party line intercoms and can be interfaced into RTS digital matrix using an RTS interface such as model SSA-324.



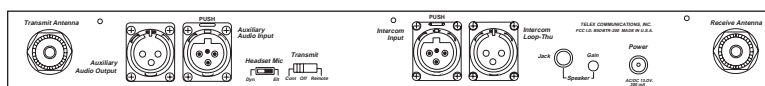
TR-200

**How the System Works:**

The BTR-200 base station transmits a common VHF frequency that the TR-200 packs receive; each TR-200 belt pack transmits a unique VHF frequency to the base station. Four TR-200s can operate in full duplex with the BTR-200



Front



Back

Standard Features

BTR-200

- Full duplex operation
- 150-216 MHz band
- Easily interfaces to RTS TW, Audiocom, and Clear-Com® brand wired intercom systems
- Auxiliary in and out connections
- Local headset connector and volume control on base
- Ability to link two base units together for 8 belt packs in full duplex via auxiliary connections
- Pre-selected frequency groups for convenience in ordering

TR-200

- Lightweight polycarbonate belt pack
- Dual function talk button allows for momentary talk or locked-on hands free talk
- Low battery LED indicator lights continuously when batteries are low. Belt pack operates up to 24 hours with 6 AA Alkaline or up to 10 hours with NiCad rechargeable batteries



Ext Intercom Aux Audio

Portable Stations — Carrier Status

1 2 3 4

Portable Station Connect

BTR-200 II

Headset Controls

Volume

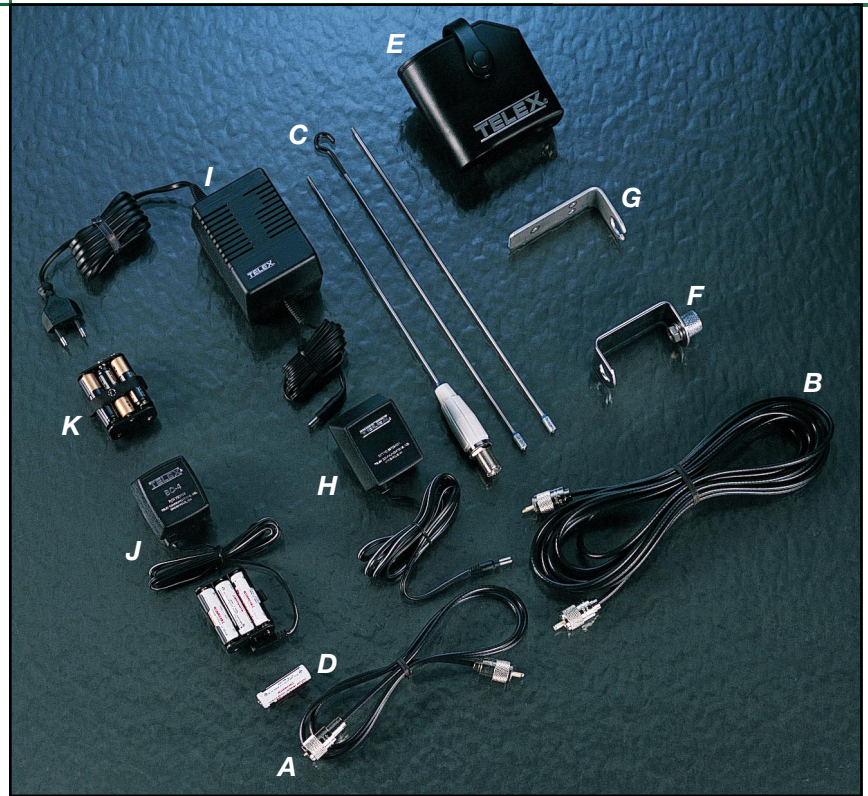
Mic On — Push Twice to Latch

BTR-200 Telex Tablet Frequency

Model	Part No. EVI	Part No. Telex	Transmit Frequency	Receive Frequency 1	Receive Frequency 2	Receive Frequency 3	Receive Frequency 4
Channel 7-10 Group							
BTR-200II	406012	70683-005	177,800	195,800	195,425	195,400	194,000
TR-200	406010	70681-504	195,800	177,800			
TR-200	406013	70681-503	195,425		177,800		
TR-200	406014	70681-502	195,400			177,800	
TR-200	406015	70681-501	194,000				177,800
Channel 7-12 Group							
BTR-200II	405775	70683-000	177,800	207,800	207,425	206,800	206,000
TR-200	406292	70681-004	207,800	177,800			
TR-200	406291	70681-003	207,425		177,800		
TR-200	406290	70681-002	206,800			177,800	
TR-200	406289	70681-001	206,000				177,800
Channel 7-13 Group							
BTR-200II	405547	70683-001	177,800	213,800	213,425	212,800	212,000
TR-200	406114	70681-104	213,800	177,800			
TR-200	406060	70681-103	213,425		177,800		
TR-200	406059	70681-102	212,800			177,800	
TR-200	406058	70681-101	212,000				177,800
Channel 8-11 Group							
BTR-200II	405774	70683-006	183,730	201,800	201,425	200,800	200,000
TR-200	406333	70681-604	201,800	183,730			
TR-200	406334	70681-603	201,425		183,730		
TR-200	406335	70681-602	200,800			183,730	
TR-200	406336	70681-601	200,000				183,730
Channel 8-12 Group							
BTR-200II	406090	70683-002	183,730	207,800	207,425	206,800	206,000
TR-200	406091	70681-204	207,800	183,730			
TR-200	406092	70681-203	207,425		183,730		
TR-200	406093	70681-202	206,800			183,730	
TR-200	406113	70681-201	206,000				183,730
Channel 8-13 Group							
BTR-200II	406287		183,730	213,800	213,425	212,800	212,000
TR-200	406299	70681-304	213,800	183,730			
TR-200	406328	70681-303	213,425		183,730		
TR-200	406331	70681-302	212,800			183,730	
TR-200	406332	70681-301	212,000				183,730
Channel 9-12 Group							
BTR-200II	406094	70683-007	189,800	207,800	207,425	206,800	206,000
TR-200	406095	70681-704	207,800	189,800			
TR-200	406126	70681-703	207,425		189,800		
TR-200	406096	70681-702	206,800			189,800	
TR-200	406128	70681-701	206,000				189,800
Channel 9-13 Group							
BTR-200II	405996	70683-008	189,800	213,800	213,425	212,800	212,000
TR-200	405995	70681-804	213,800	189,800			
TR-200	406129	70681-803	213,425		189,800		

Model	Part No. EVI	Part No. Telex	Transmit Frequency	Receive Frequency 1	Receive Frequency 2	Receive Frequency 3	Receive Frequency 4
TR-200	406130	70681-802	212,800			189,800	
TR-200	406131	70681-801	212,000				189,800
Traveling Group							
BTR-200II	406286	70683-004	154,570	171,905	171,045	170,245	169,505
TR-200	405549	70681-404	171,905	154,570			
TR-200	405550	70681-403	171,045				
TR-200	406057	70681-402	170,245				
TR-200	406283	70681-401	169,505				
Portable to Portable Configuration (mirror image pairs)							
Model	Transmit	Receive	Part No. EVI	Order By Catalog No.			
Channel 7-12 Group							
TR-200	207,800	177,800		70681-055			
TR-200	177,800	207,800		70681-005			
Channel 7-13 Group							
TR-200	213,800	177,800	405704	70681-066			
TR-200	177,800	213,800	405705	70681-006			
Channel 8-12 Group							
TR-200	207,800	183,730		70681-077			
TR-200	183,730	207,800		70681-007			
Channel 8-13 Group							
TR-200	213,800	183,730	406182	70681-088			
TR-200	183,730	213,800	406183	70681-008			
Traveling Group							
TR-200	171,905	154,570		70681-099			
TR-200	154,570	171,905	406574	70681-009			
ote image portable are not compatible with BTR-200II base station							

- A **CX-4**
Coax antenna cable 4' (1.2m) 50 ohm
- B **CX-25**
Coax antenna cable 25' (7.6m) 50 ohm
- C **UA-58B (shown)**
5/8 wave transmit/receive antenna
Frequency range 154-172 MHz
- UX-58Y (not shown)**
Frequency range 169-185 MHz
- UX-58W (not shown)**
Frequency range 185-200 MHz
- UX-58R (not shown)**
Frequency range 200-216 MHz
- D **NCB-AA**
NiCad AA battery for TR-200 (requires 6)
- E **TRH-1**
Leather swivel holster with belt loop for TR-200
- F **ASA-1**
Mic stand bracket for 5/8 wave antenna
- G **AWB-1**
Wall bracket for 5/8 wave antenna
- H **PA-2**
Power supply for BTR-200 II 120 V
- I **PA-2E**
Power supply for BTR-200 II 240 V
- J **BC-4**
NiCad battery charger; sled for TR-200;
and 6 AA NiCad batteries
- K **BSL-1**
Spare battery sled for TR-200
(batteries not included)

**Not shown:****High Performance directional VHF Yagi antennas**

Available in three frequency ranges:

150-157 MHz, 169-186 MHz, and 204-216 MHz

ALP-1

High performance log periodic antenna. 165-216 MHz



ALP-450

ALP-450Broadband unidirectional log periodic antenna
Frequency range 450 to 900 MHz

ALP-600

ALP-600Broadband bi-directional log periodic antenna
Frequency range 450 to 900 MHz**ALP-600 Antenna Mast and Bracket Kit**Four section, clear anodized aluminum
mast with extended length of 90"
Aluminum brackets with vertical or
horizontal mounting capabilityALP-600
Mast and
Bracket Kit**BC-500NM**

Nickel metal battery pack with charger

BP-500NM

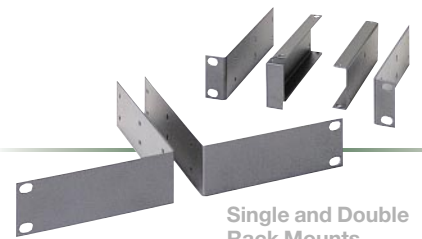
Spare nickel metal battery pack

RMS-BTR

Single rack mount kit for one BTR-500/BTR-600

RMD-BTR

Dual rack mount kit for two BTR-500/BTR-600

Not Shown:**BP-500**Spare battery sled for alkaline batteries
(batteries not included)BC-500NM
Battery
and PackSingle and Double
Rack Mounts**Not Shown:**

CXU-25 UHF Coax Antenna Cable 25'

CXU-50 UHF Coax Antenna Cable 50'

CXU-75 UHF Coax Antenna Cable 75'

Telex[®]
ALP-450

— THIS END TOWARD TRANSMITTER — 



Telex[®]



Telex[®]

Telex[®]





HR-1



HR-2



PH-4



PH-8



PH-8000



PH-1



PH-2



V-210/V-220

HR-1/HR-2

The HR-1 and HR-2 are medium-weight noise-reduction headsets with dynamic noise cancelling microphones, a noise reduction rating of 21 dB — suitable for use in moderately noisy environments. These models feature a unique headband design that distributes ear cushion pressure evenly over the entire ear with no pressure points, and fold into an extremely compact shape for storage. Straight cord with XLR-4 type plug.

PH-4

Super lightweight, dual-sided for day-long comfort. High quality monaural dynamic earphones with dynamic noise cancelling microphone on adjustable boom. Straight cord with XLR-4 type plug.

PH-8

Super lightweight, single-sided headset for the ultimate in day-long comfort. High quality monaural dynamic earphone with dynamic noise cancelling microphone on adjustable boom that can be bent to practically any position. Straight cord with XLR-4 type plug.

PH-8000

Super lightweight single-sided headset with waterproof microphone and sealed headband that make it a great choice for high-moisture environments. The PH-8000 is ideal for maximum comfort in a low noise environment, or for wearing under a helmet or under hearing protection gear. **Only available with electret type microphone element.**

PH-1

Single-sided headset with foam-filled cushion effectively reduces ambient noise. Dynamic, monaural earphones with dynamic noise cancelling microphone attached to a continuously adjustable ball joint. Five foot straight cord with clothing clip and XLR-4 type plug.

Note:

All RadioCom™ brand base/belt-pack units shown in this catalog require a headset with a *female* XLR-4 plug.

PH-2

Dual-sided headset with foam-filled cushion effectively reduces ambient noise. Dynamic, monaural earphones with dynamic noise cancelling microphone attached to a continuously adjustable ball joint. Five foot straight cord with clothing clip and XLR-4 type plug.

V-210/V-220

The V-Series headsets are high fidelity, studio quality products that may be tailored to most any need using modular cord sets and microphones. The V-210 is a single-sided headset, the V-220 is dual-sided, and both have a unique ball and socket boom with a hinge on boom's center for extra-flexible mic movement. The V-Series' unique floating earcups adjust to virtually any head size or shape for maximum comfort.

s p e c i f i c a t i o n s

TT-44 Transmitter

RF Frequency Range: 64.5-67.5 MHz

Modulation: FM ± 25 KHz deviation

Signal-To-Noise Ratio: 58 dB (64 dB A weighted)

Maximum Deviation: ± 25 KHz

Maximum Rated Power: 50 mW

Audio Input: Balanced XLR-3F 150K ohms,

Unbalanced $\frac{1}{4}$ " Jack 100K ohms/70 MV-7 Volt input range

Antenna Type: $\frac{1}{4}$ wave omnidirectional telescoping whip (supplied) or external type (optional)

Audio Controls: Input levels, Intercom select

Power Requirements: 15-24 Vdc or 13 Vac;
115 Vac 60 Hz plug-in wallpack power supply

Dimensions: 7.5" W \times 6.815" H \times 1.75" D
(19.2cm \times 19cm \times 4.5cm)

FCC ID: B5DM507

Visual Indicators: 5 segment audio level LED,
1 power ON indicator

TR-34 Talent Receiver

RF Frequency Range: 64.5-67.5 MHz

Harmonic and Spurious Emissions: Meets FCC Part 15

Sensitivity: 1.0 μ V maximum, 12 dB SINAD 25

Distortion: <2% THD

Audio Output: into 8 Ohms 2.0 V/15 mW,
into 32 Ohms 2.0 V/10 mW

Antenna Type: $\frac{1}{4}$ wave, in earphone cord

Battery Type: (2) AA Alkaline, or NiCad

Battery Life: 24-40 hours continuous use Alkaline;
10-15 hours continuous use NiCad

Audio Controls: Volume, On/Off high frequency boost
control (push On type)

Ear Piece Connector: 3.5mm mini stereo or mono

Channels Tuned: 2 TV Channels: 64.5-65.9 MHz &
66.1-67.5 MHz. (TV-3) 64.5, 64.7, 64.9, 65.1, 65.3, 65.5,
65.7, 65.9. (TV-4) 66.1, 66.3, 66.5, 66.7, 66.9, 67.1,
67.3, 67.5.

Temperature Range: 32°F to 120°F (0°C to 50°C)

Weight: 3 oz. (85g)

Dimensions: 2.7" W \times 1" H \times 3.750" D

(8.7cm \times 2.5cm \times 9.5cm)

FCC: Part 15

Visual Indicators: Backlit On/Channel indicator



RadioCom™

s p e c i f i c a t i o n s

Overall	BTR-600 Base Station Repeater	BTR-500 Base Station Repeater	BTR-200 II Base Station Repeater	TR-600 Belt Pack Transceiver	TR-500 Belt Pack Transceiver	TR-200 Belt Pack Transceiver
Power Requirements	115 Vac, 60 Hz, 8W (230 Vac, 50 Hz, Model Avail.) or 12 to 15 V AC/DC (external)	115 Vac, 60 Hz, 8W (230 Vac, 50 Hz, Model Avail.) or 12 to 15 V AC/DC (external)	115 Vac, 60 Hz, 8W (230 Vac, 50 Hz, Model Avail.) or 12 to 15 V AC/DC (external)	6 "AA" Cells (Alkaline) Nickel Metal Hydride optional	6 "AA" Cells (Alkaline) Nickel Metal Hydride optional	6 "AA" Cells NiCad optional
Current Drain				120 mA	120 mA	65 mA
Temp Range	-4°F to 130°F (-20°C to 55°C)	-4°F to 130°F (-20°C to 55°C)	-4°F to 130°F (-20°C to 55°C)	-4°F to 130°F (-20°C to 55°C)	-4°F to 130°F (-20°C to 55°C)	-4°F to 130°F (-20°C to 55°C)
Dimensions	8.25"W × 1.75"H × 11.25"D (21cm × 4.5cm × 25.6cm)	8.25"W × 1.75"H × 11.25"D (21cm × 4.5cm × 28.6cm)	15.75"W × 1.75"H × 10.5"D (40cm × 4.5cm × 27cm)	4"W × 5/4"H × 1 1/4"D (102mm × 149mm × 41mm)	4"W × 5/4"H × 1 1/4"D (102mm × 149mm × 41mm)	4.25"W × 4.125"H × 2.0"D (108mm × 105mm × 51mm)
Weight	4 lbs. (1.8kg)	4 lbs. (1.8kg)	4.5 lbs. (2kg)	1 lb. 6 oz (625g) with batteries	1 lb. 6 oz (625g) with batteries	13 oz (369g) with batteries
Transmit Antenna	1/2 wave (supplied) TNC connector on chassis	1/2 wave (supplied) TNC connector on chassis	5/8 wave (supplied) SO239 connector on chassis	1/4 wave wire (attached)	1/4 wave wire (attached)	1/4 wave wire (attached)
Receive Antenna	1/2 wave (supplied) TNC connector on chassis	1/2 wave (supplied) TNC connector on chassis	5/8 wave (supplied) SO239 connector on chassis	1/4 wave wire (attached)	1/4 wave wire (attached)	1/4 wave wire (attached)
Transmit						
RF Frequency Range	520 to 608 and 614 to 760 MHz	520 to 608 and 614 to 760 MHz	150 to 216 MHz	520 to 608 and 614 to 760 MHz	520 to 608 and 614 to 760 MHz	150 to 216 MHz
RF Frequency Stability	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%
RF Power Output	40 mW Typical	40 mW Typical	50 mW Typical	40 mW Typical	40 mW Typical	50 mW Typical
Modulation	F-1-E ±32 KHz deviation 62.5 K baud	F3 40 KHz deviation, 100 micro-seconds Pre-emphasis	F3 4 KHz deviation, 100 micro-seconds Pre-emphasis	F-1-E ±32 KHz deviation 62.5 K baud	F3 40 KHz deviation 100 micro-seconds Pre-emphasis	F3 4 KHz deviation, 100 micro-seconds Pre-emphasis
Mod. Limiter	Internal Compressor	Internal Compressor	Internal Compressor	Internal Compressor	Internal Compressor	Internal Compressor
Modulation Freq. Range	300 to 4500 Hz ±2 dB	300 to 8000 Hz ±2 dB	300 to 5000 Hz ±2 dB	300 to 4500 Hz ±2 dB	300 to 8000 Hz ±2 dB	300 to 5000 Hz ±2 dB
Microphone Audio Input	30 ohms to 3500 ohms	30 ohms to 3500 ohms	30 ohms to 3500 ohms	30 ohms to 3500 ohms	30 ohms to 3500 ohms	30 ohms to 3500 ohms
Microphone Input Sensitivity	2 mV	2 mV	2 mV Dynamic, 4 mV Electret	2 mV	2 mV	2 mV Dynamic, 4 mV Electret
Radiated Harmonics and Spurious Emissions	-45 dBC	-45 dBC	-45 dBC	-45 dBC	-45 dBC	-45 dBC
External Audio Input	Auxiliary & Intercom Inputs	Auxiliary & Intercom Inputs	Auxiliary & Intercom Inputs			
FCC	Type accepted under FCC Part 74	Type accepted under FCC Part 74	Type accepted under FCC Parts 74 and 90	Type accepted under FCC Part 74	Type accepted under FCC Part 74	Type accepted under FCC Parts 74 and 90
Receive						
RF Frequency Range	520 to 608 and 614 to 760 MHz	520 to 608 and 614 to 760 MHz	150 to 216 MHz	520 to 608 and 614 to 760 MHz	520 to 608 and 614 to 760 MHz	150 to 216 MHz
RF Frequency Stability	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%	Crystal Controlled, 0.005%
Type	Single Conversion Superheterodyne, FM	Single Conversion Superheterodyne, FM	Dual Conversion Superheterodyne, FM	Single Conversion Superheterodyne, FM	Single Conversion Superheterodyne, FM	Dual Conversion Superheterodyne, FM
RF Sensitivity	<0.7 µV for 12 dB SINAD	<0.7 µV for 12 dB SINAD	<0.5 µV for 12 dB SINAD	<0.7 µV for 12 dB SINAD	<0.7 µV for 12 dB SINAD	<0.5 µV for 12 dB SINAD
IF Selectivity	3 dB at 230 KHz (Ceramic Filter)	3 dB at 150 KHz (Ceramic Filter)	3 dB at 30 KHz (4 pole Monolithic Filters)	3 dB at 230 KHz (Ceramic Filter)	3 dB at 150 KHz (Ceramic Filter)	3 dB at 30 KHz (Ceramic Filter)
Image Rejection	70 dB or better	70 dB or better	70 dB or better	70 dB or better	70 dB or better	70 dB or better
Squelch Quieting	67 dB	65 dB	90 dB	67 dB	65 dB	90 dB
Squelch Threshold	3.0 µV (Internal)	1.5 µV (Internal)	1 µV (Internal)	3.0 µV (Internal)	1.5 µV (Internal)	3.0 µV (Internal)
Signal-to-Noise Ratio	55 dB	63 dB	90 dB	55 dB	63 dB	90 dB
Audio Output	32 mW into 600 ohms (Headset)	32 mW into 600 ohms (Headset)	32 mW into 600 ohms (Headset)	32 mW into 600 ohms (Headset)	32 mW into 600 ohms (Headset)	32 mW into 600 ohms (Headset)
Other Audio Outputs	Audio, Auxiliary, Intercom Aux in-out/four wire/IC 2 chnl	Audio, Auxiliary, Intercom Aux in-out/four wire/IC 2 chnl	Speaker, Auxiliary, Intercom			
Distortion	<3.5% at Rated Output	<1% at Rated Output	<1% at Rated Output	<3.5% at Rated Output	<1% at Rated Output	<1% at Rated Output
FCC	Notification under FCC Part 15	Notification under FCC Part 15	Notification under FCC Part 15	Notification under FCC Part 15	Notification under FCC Part 15	Notification under FCC Part 15

SC-600

Frequency Range: 520-760 MHz
Antenna Connectors: Standard TNC receptacles
AC Power Input: 110/220 VAC 50/60 Hz, 130 VA
DC Power Output: 15 VDC 1.3 A
Dimensions: 3.5" H × 17"W × 12.5"D (88.9mm × 431.8mm × 317.5mm)
Weight: 15 lbs.

Splitter

3rd Order Intercept Output: >28 dBm
Net Gain: >2 dB
Noise Figure: <4 dB
Output Isolation: >20 dB

Combiner

Net Gain: 0 dB
Noise Figure: 10 dB Typ
3rd Order Intercept Output: -55 dBm @ +13 dBm Input, each transmitter

Telex®

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