

September 2008

RadioCom shows BTR-80N Narrow Band Two-Channel UHF Synthesized Wireless Intercom System at IBC, Stand 10A31

Straubing, September 2008: RadioCom is proud to show the BTR-80N Narrow Band Two-Channel UHF Synthesized Wireless Intercom at IBC.

Telex has been the world leading manufacturer and provider of wireless and hardwired intercom systems for over 25 years. With mission critical installations in every corner of the globe, Telex intercom systems provide the widest range of rugged and reliable intercommunications solutions for virtually any application.

The new Telex BTR-80N Narrow Band Two-Channel UHF Synthesized Wireless Intercom System is a revolutionary product for today's ever changing and shrinking RF environment. Providing an unprecedented 8 KHz of modulated bandwidth, the BTR-80N Narrow Band System allows more users per channel in the cramped UHF spectrum.

While providing excellent audio performance, the BTR-80N Narrow Band System is based on the award winning and world leading BTR-800 wireless intercom system and provides all of the standard features of the BTR-800 system, such as DSP and Intelligent Power Control, plus many more.

When matched with the BTR-80N, the TR-80N and TR-82N beltpacks provide additional features like selectable transmitter power output, selectable receiver squelch control, RF meter display on base station and beltpack displays, remote battery indicators on base station display, low battery tone indicator on beltpack, AC or DC power input on base station, simultaneous 2 Wire and 4 Wire operation, and much, much more.

Combining the award-winning performance of the BTR-800 wireless intercom system along with the revolutionary Narrow Band technology and adding innovative features, you've got the best performing and versatile wireless intercom system ever developed.

www.telex.com

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BTR-80N Narrow Band Two-Channel UHF Synthesized Wireless Intercom System

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Bosch Communications Systems—a business unit of Bosch Security Systems—is one of the world's leading manufacturers and suppliers of professional audio, wireless, life safety and communication equipment. Bosch Communications Systems offers complete system solutions for the world's most critical, high-profile installations and events.

Additional information can be accessed at www.boschcommunications.com

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The Bosch Group is a leading global supplier of technology and services. In the areas of automotive and industrial technology, consumer goods, and building technology, some 271,000 associates generated sales of 46.3 billion euros in fiscal 2007. The Bosch Group comprises Robert Bosch GmbH and its more than 300 subsidiaries and regional companies in roughly 50 countries. This worldwide development, manufacturing, and sales network is the foundation for further growth. Each year, Bosch spends more than 3 billion euros for research and development, and applies for over 3,000 patents worldwide. The company was set up in Stuttgart in 1886 by Robert Bosch (1861-1942) as "Workshop for Precision Mechanics and Electrical Engineering."

The special ownership structure of Robert Bosch GmbH guarantees the entrepreneurial freedom of the Bosch Group, making it possible for the company to plan over the long term and to undertake significant up-front investments in the safeguarding of its future. Ninety-two percent of the share capital of Robert Bosch GmbH is held by Robert Bosch Stiftung GmbH, a charitable foundation. The majority of voting rights are held by Robert Bosch Industrietreuhand KG, an industrial trust. The entrepreneurial ownership functions are carried out by the trust. The remaining shares are held by the Bosch family and by Robert Bosch GmbH.

Additional information can be accessed at www.bosch.com

TELEX BTR-700/800/825 -vs- BTR-80N

Feature	Telex 700	Telex 800/825		Telex 80N	
BASE STATION AND SYSTEM FEATURES					
RF FREQUENCY RANGE	518-608, 614-740 MHz	470-608, 614-746 MHz		482-608, 614-722 MHz	
FREQUENCY BANDS	5 (A2, B4, C3, C6 , G9)	18 F1, F2, F3, F4 H1, H2, H3, H4 A2, A3, A4 B3, B4, B6 C3, C4, C6 E88		32 F1, F2, F3, F4, F5, F6 H1, H2, H3, H4, F5, F6 A1, A2, A3, A4, A5, A6 B2, B3, B4, B5, B6 C3, C4, C5, C6 D4, D5, D6 E5, E6	"6" & "G9" BANDS ARE INTENDED FOR SALE AND USE OUTSIDE OF THE USA
TRANSMITTER OCCUPIED BANDWIDTH	100 KHz	100 KHz		25 KHz	
Simultaneous 2 Wire & 4 Wire Operation	NO	YES - Either Channel		YES - Each Channel	
BASE STATION ANTENNA (Supplied)	1/2 Wave	1/2 Wave		1/2 Wave	
FREQUENCY SCANNING	YES ClearScan®	YES ClearScan®		YES ClearScan®	
BASE STATION TRANSMIT POWER	50 & 5mW	100 & 10mW		249, 100, 50 & 10mW	
BASE STATION DUAL TRANSMIT ANTENNA OUTPUT	N/A	OPTIONAL		OPTIONAL	
WARRANTY	3 YRS	3 YRS		3 YRS	
USER ADJUSTABLE SQUELCH CONTROL	NO	NO		YES	
RF METER (Rx SIGNAL STRENGTH)	NO	NO		YES	
BELTPACK BATTERY GAUGE ON BTR DISPLAY	NO	NO		YES	
ABILITY TO TURN OFF TR Tx FROM BTR	NO	NO		YES	
AC or DC POWER OPERATION	YES - KIT	YES - KIT		YES	
AUXILIARY AUDIO ASSIGNABLE	NO	NO		YES	
WIRELESS TALK AROUND - WTA	YES	YES		YES	
STAGE ANNOUNCE - SA	YES	YES		YES	
INTELLIGENT POWER CONTROL (TR Tx POWER)	YES	YES		YES	
FIRST ON - LATCH OUT OPERATION WITH TONE WARNING	NO	NO		YES Tone Defeatable	
SELECTABLE DC POWER FEED ON Rx LINE	NO	NO		YES 9 volts DC	
BELTPACK FEATURES					
	<u>TR-700</u>	<u>TR-800</u>	<u>TR-825</u>	<u>TR-80N</u>	<u>TR-82N</u>
BELTPACK CONSTRUCTION	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM	METAL DIE CAST MAGNESIUM
BELTPACK BATTERY LIFE (6 AA Alkaline)	14 Hrs	14Hrs	11Hrs	10 Hrs	9 Hrs
BELTPACK BATTERY LIFE (BP-800NM)	11 Hrs	11 Hrs	9.5 Hrs	10 Hrs	8 Hrs
PROGRAMMABLE BUTTONS ON BELTPACK	YES	YES	YES	YES	YES
PROGRAMMING AT BELTPACK	YES	YES	YES	YES	YES
BELTPACK TRANSMIT POWER	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW	AUTO; 5 - 50mW
SELECTABLE-	NO	NO	NO	YES - AUTO, 100, 50, 5mW	YES - AUTO, 100, 50, 5mW
BELTPACK LOW BATTERY INDICATOR	YES	YES	YES	YES	YES
BELTPACK LOW BATTERY TONE WARNING	NO	NO	NO	YES	YES Tone Defeatable
ABILITY TO DISPLAY FREQUENCY AT BELTPACK	YES	YES	YES	YES	YES
EXTRA PDA DEVICE REQUIRED FOR PROGRAMMING	NO	NO	NO	NO	NO
BELTPACK TETHERED PROGRAMMING TO BASE STATION	NO	NO	NO	NO	NO
USER ADJUSTABLE SQUELCH CONTROL	NO	NO	NO	YES	YES
RF METER (Rx SIGNAL STRENGTH)	NO	NO	NO	YES	YES

Ministero dello Sviluppo Economico
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Notifica di immissione sul mercato di apparati radioelettrici che utilizzano bande di frequenza non armonizzate (Art. 6.4 Direttiva 1999/05/CE)

Parte notificante

1	Società (nome, indirizzo, telefono)	Evi Audio GMBH (EMEA Head Quarter) Sachsenring 60 94315 Straubing Germany					
2	Persona da contattare	Mr. Mark Gubser (based in the US) Sr Prod Mgr Radiocom/Audiocom 8601 East Cornhusker Hwy. Lincoln 68507 US +1(402)467-6546				Telefono	+49 94217060
						Fax	+49 9421706287
						E-mail	Mark.gubser@us.bosch.com
3	Il notificante è	C	Costruttore	M	<u>Mandatario</u>	<u>R</u>	Responsabile dell'immissione sul mercato

Costruttore

(riempire solo se il notificante non è il costruttore)

4	Società (nome, indirizzo, telefono)	Bosch Security Systems, Inc. – 8601 East Cornhusker Highway, Lincoln, NE 68507, USA					
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Caratteristiche di apparato

5	Marca	Telex					
6	Modello	System: BTR-80N (stazione fissa) TR-80N e TR-82N (beltpack portatili)					
7	Uso previsto	Wireless talkback system – Audio intercom professionale – Collegamenti audio a larga banda					
8	Banda di frequenze	482–608MHz e 617-722MHz in bande da 18MHz					
9	Spaziatura tra canali	25KHz					
10	Modulazione	FM					
11	Potenza RF o intensità di campo magnetico (sistemi induttivi)	Selezionabile da 10 a 249mW x BTR da 5 a 100mw x TR		Uscita		e.r.p. 10mW	e.i.r.p. 249mW
12	Duty Cycle (o eventuale protocollo di accesso)	100% x BTR – 100% in Full Duplex o <=50% in Half Duplex x TR					
13	Esercizio (simplex/duplex)	Duplex o Half Duplex opzionalmente					
14	Tipo e guadagno di antenna	½ lungh.onda flessibile – No Gain	I	Integrata	<u>D</u>	<u>Dedicata</u>	E Esterna

Dettagli di conformità

15	Organismi notificati consultati	Nome: American TCB Inc.	Numero Id:	1588
		Indirizzo: 6731 Whittier Avenue, Suite C110 – McLean, VA 22101		
		Persona da contattare: Marrian Bosley		
16	Standard o specifiche di riferimento	EN 300 454-1 v1.1.2 (2000-08), EN300 454-2 V1.1.1 (2000-08) (Radio Performance), EN 301 489-1 v1.8.1 (2008-04), EN 301 489-9 v1.4.1 (2007-11) (EMC), EN 62311 (2008) (Health), EN 60950-1:2006 (Safety) certificazione CE reference number: 1995/5/EC		

17	Lista dei paesi cui è destinato l'uso	Tutto il territorio Europeo compatibilmente con frequency compliance locale
18	Note	

Firma		
19	Luogo/Data	Straubing, 06/05/2010
20	Firma 	EVI Audio Straubing Germany

Legenda (Terms translation)

1	Notifying party: Company name, address, telephone
2	Contact person
3	Notifier is: Manufacturer, authorized representative, responsible for placing on the market
4	Manufacturer: Company name, address, telephone
5	Equipment Brand or trade name/ trade mark
6	Equipment model/s number/s
7	Intended use
8	Frequency bands / Operating frequency range
9	Channel Spacing
10	Modulation / classe of emission
11	RF power (output, e.r.p., e.i.r.p.) / H-field strength (dBµA/m) at 10 m for inductive system/s
12	Duty Cycle (or access protocol)
13	Mode of operation (simplex/duplex)
14	Antenna: type and gain
15	Notified Bodies: name, address, contact person; identification number
16	Reference Standards or Specifications
17	List of countries intended for use
18	Remarks
19	Place/Date
20	Signature