

## RADIO SYSTEMS

### CRC-5300

- AM/FM stereo
- Fixed face
- 18 FM and 12 AM presets
- Clock
- Seek and scan
- 4x30 watts
- Mute
- Electronic controls
- Special noise protection circuit
- Bass/treble/loudness controls
- Time default
- 4-way balance
- DSP (selects pre-set tone settings)
- Rotary volume/select control
- PA input
- L.E.D. lighting



Custom Radio

### CRC-5310

- AM/FM stereo with auto reverse cassette
- Fixed face
- 18 FM and 12 AM presets
- Clock
- Seek and scan
- 4x30 watts
- Mute
- Electronic controls
- Special noise protection circuit
- Bass/treble/loudness controls
- Time default
- 4-way balance
- DSP (selects pre-set tone settings)
- Rotary volume/select control
- PA input
- L.E.D. lighting



Custom Radio

### CRC-5340

- AM/FM stereo with CD player
- Fixed face
- 18 FM and 12 AM presets
- Clock
- Seek
- 4x30 watts
- Mute
- Electronic controls
- Special noise protection circuit
- Bass/treble/loudness controls
- Time default
- 4-way balance
- Rotary volume/select control
- PA input
- L.E.D. lighting



Custom Radio

**PA6-GP44**  
 • Din-mount  
 • On/off switch  
 • L.E.D. indicator



Custom Radio

**PA6-BL15M**  
 • Panel mount  
 • Internal/external switch



Custom Radio

**PA6-BL15E**  
 • Panel mount  
 • Microphone connector  
 • Internal/external switch



Custom Radio

**PA6-BL30M**  
 • Remote mount



Custom Radio

**PA2-5310-BL14M**  
 • Radio assembly  
 • Lexan face plate

Custom Radio



**PA2-5310-BL10E**  
 • Radio assembly  
 • Aluminum face plate

Custom Radio



**PA2-5310-AM05A**  
 • Radio assembly  
 • Amtran

Custom Radio



**PA2-5310-GM11B**  
 • Radio assembly  
 • GM chassis

Custom Radio



**PA2-5310-FM14B**  
 • Radio assembly  
 • Ford chassis

Custom Radio



R655 - 760473

- Digital AM/FM stereo auto reverse cassette
- High power 25 watts per channel power output
- 12 FM and 6 AM memory presets
- Seek and scan tuning
- Separate bass and treble controls
- Fader, balance controls
- Quartz clock
- Internal/external speaker switch



REI

R320

- AM/FM stereo radio
- 9 watts per channel power output
- 12 FM and 6 AM memory presets
- Seek, scan and manual up/down tuning
- Tone and balance controls
- Quartz clock/liquid crystal display
- Internal/external speaker switch



REI

CQDP103U

- AM/FM CD



REI

CQ-R111

- AM/FM auto reverse cassette
- 15 W x 4 high power output
- 18 FM and 6 AM memory presets
- Auto preset memory with auto scan
- Separate bass/treble controls
- Quartz clock
- Internal/external speaker switch



REI

R655 with P.A. - 760472

- P.A. - P.A./radio selector switch
- Microphone included
- 3 3/4" x 12" panel



REI

R320 with P.A. - 760431

- P.A. - P.A./radio selector switch
- Microphone included
- 4" x 9" panel



REI

ACCESSORIES

CRC-2094

- Speaker
- Dual cone
- 5.3 oz. magnet
- 4 Ohm
- 5 1/4" round
- 10 watt



Custom Radio

CRC-103U

- Microphone
- Hand-held
- With volume control



Custom Radio

CRC-3053

- Speaker
- Flush mount
- Weather resistant
- Dual cone
- 4 Ohm
- 20 watt



Custom Radio

CRC-3057

- Exterior PA horn
- Grey
- 8 Ohm
- 25 watt
- U-mount
- 8" round



Custom Radio

CRC-2095

- Coax speaker
- 5.3 oz. magnet
- 4 Ohm
- 5 1/4" round
- 10 watt



Custom Radio

CRC-3056

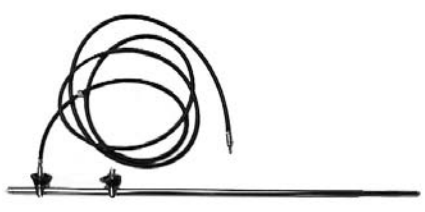
- Exterior PA horn
- Yellow
- 8 Ohm
- 25 watt
- U-mount
- 8" round



Custom Radio

1415785

- Antenna
- 92
- Double side mount



BRK-GP-0052

- Mounting bracket
- Optional
- Used with p/n CRC-3057 (PA horn)



Custom Radio

# BLUE BIRD RADIO AND PA SYSTEMS BY CUSTOM RADIO

Bus Model & Year	PA System	AM/FM Stereo	AM/FM Stereo PA	AM/FM Stereo Cassette
November 1999 to December 2000	Radios were common speakerground. Both left and right speakergrounds were tied together in Pin #5 of the bus harness. The external speakerground was also connected to Pin #5. These vehicles can be upgraded to the high power radios listed from November 1999 to December 2000. However, the speakerground wires in the bus must be separated and positioned correctly in the bus harness for the radio. Refer to wiring diagram supplied with radio for the correct placement of the ground wires in the bus harness. Kit #BKT-BL-0006 contains terminal (pin) with wire to plug into the bus harness.			
Aluminum	N/A Can be upgraded	BKR-1050-BL25A Can be upgraded	PA2-1050-BL37A Can be upgraded	BKR-2015-BL25A Can be upgraded
Lexan	N/A Can be upgraded	BKR-1050-BL26A Can be upgraded	PA2-1050-BL38A Can be upgraded	BKR-2015-BL26A Can be upgraded
November 1999 to December 2000	Radios were Fixed-Face, Hi-Power with floating speakergrounds. The bus wiring was changed to separate the left, right and external speakerground wires in the bus harness. These radios can be installed in buses built prior to November 1999, but the bus speaker wiring must be changed to separate ground wires for the speakers.			
Aluminum	PA6-BL13E 00014018	BKR-5300-BL04E	PA2-5300-BL10E	BKR-5310-BL04E 00040798
Lexan	PA6-BL15E 00014020	BKR-5300-BL06E	PA2-5300-BL14E	BKR-5310-BL06E
January 2001 to Present	Radios are Fixed-Face, Hi-Power with floating speakergrounds. Lexan Radio Mounting Plate does not have the microphone on the plate. Microphone is located in driver's area. Production part number does not include microphone cable. Service Parts part number includes the microphone cable. Din Mount mounts in-dash with sleeve. Microphone and internal/switch mount in-dash. Production part number does not include microphone cable or internal/external switch. Service Parts part number includes microphone cable and internal/external switch. GM and Ford kits available with internal/external switch (W/SW) or without internal/external switch (W/O SW). Wiring plugs into GM or Ford OEM wiring.			
Din Mount				
Production	PA6-BL30M 00031042	BKR-5300-BL21M Same p/n for Production and Service Parts	PA2-5300-BL32M	BKR-5310-BL21M 00040803 Same p/n for Production and Service Parts
Service Parts	PA-6-BL34A		PA2-5300-BL40A (3" cable) PA2-5300-BL04B (6" cable)	
Lexan				
Production	PA6-BL15M 00031041	BKR-5300-BL05M Same p/n for Production and Service Parts	PA2-5300-BL14M	BKR-5310-BL05M 00040802 Same p/n for Production and Service Parts
Service Parts	PA6-BL15P		PA2-5300-BL14P	
GM 2001 to Current	PA6-GM11A (w/o sw) PA6-GM12A (w/sw) (Din Mounts)	BKR-5300-GM04A	PA2-5300-GM09A (w/o sw) PA2-5300-GM11A (w/sw)	BKR-5310-GM04A 00043227
Ford 1998 to Current	PA6-FM11A (w/o sw) PA6-FM12A (w/sw) (Din Mounts)	BKR-5300-FM03	PA2-5300-FM12 (w/o sw) PA2-5300-FM14A (w/sw)	BKR-5310-FM03 00043226

## BLUE BIRD RADIO AND PA SYSTEMS BY CUSTOM RADIO

Bus Model & Year	AM/FM Stereo Cassette PA	AM/FM Stereo CD	AM/FM Stereo CD PA
November 1999 to December 2000			
Aluminum	PA2-2015-BL37A Can be upgraded	N/A Can be upgraded	N/A Can be upgraded
Lexan	PA2-2015-BL38A Can be upgraded	N/A Can be upgraded	N/A Can be upgraded
November 1999 to December 2000			
Aluminum	PA2-5310-BL10E 0040799	BKR-5340-BL04E	PA2-5340-BL10E
Lexan	PA2-5310-BL14E	BKR-5340-BL06E	PA2-5340-BL14E
January 2001 to Present			
Din Mount			
Production	PA-5310-BL32M 00040801	BKR-5340-BL21M 00048069 Same p/n for Pro- duction and Service Parts	PA2-5340-BL32M 00048067
Service Parts	PA2-5310-BL40A 3" cable  PA2-5310-BL40B 6" cable		PA2-5340-BL40A 3" cable  PA2-5340-BL40B 6" cable
Lexan			
Production	PA2-5310-BL14M 00040800	BKR-53430-BL05M 00048068 Same p/n for Pro- duction and Service Parts	PA2-5340-BL14M 00048066
Service Parts	PA2-5310-BL14P		PA2-5340-BL14P
GM 2001 to Current	PA2-5310-GM09A (w/o sw) 00043228	BKR-5340-GM04A 00048065	PA2-5340-GM09A (w/o sw) 00048064
	PA2-5310-GM11B (w/sw) 00048472		PA2-5340-GM11B (w/sw) 00048474
Ford 1998 to Current	PA2-5310-FM12 (w/o sw) 00043228	BKR-5340-FM03 00048063	PA2-5340-FM123 (w/o sw) 00048062
	PA2-5310-FM14B (w/sw) 00048470 (Production)		PA2-5340-FM14B (w/sw) 00048473
	PA2-5310-FM14A (w/o sw) Service Parts includes Pig- tail for Int/Ext Switch		PA2-5340-FM14A (w/sw) Service Parts includes Pigtail for Int/Ext Switch



## THOMAS RADIO AND PA SYSTEMS BY CUSTOM RADIO

Bus Model & Year	PA System	AM/FM Stereo	AM/FM Stereo PA	AM/FM Stereo Cassette
CONVENTIONAL Dealer Part Numbers	All Thomas Built buses converted over to 12-position plug on January 1, 1990. All Thomas Built buses removed 12-position plug from buses between July 1, 2002 and September 20, 2002, and replaced with 14-position Molex plug.			
Before Jan. 1, 1998 4 x 12 Faceplate	PA6-TB18A	BKR-5300-TB07A	PA2-5300-TB11A	BKR-5310-TB07A
After Jan. 1, 1998 Din Mount	PA6-TB17A	BKR-5300-TB08A	PA2-5300-TB12A	BKR-5310-TB08A
SAFETY LINER Dealer Part Numbers				
Before Aug. 1, 2000 4 x 12 Faceplate	PA6-TB18A	BKR-5300-TB07A	PA2-5300-TB11A	BKR-5310-TB07A
After Aug. 1, 2000 Din Mount	PA6-17A	BKR-5300-TB08A	PA2-5300-TB12A	BKR-5310-TB08A
FORWARD CONTROLS Dealer Part Numbers				
Before July 1, 2002 4 x 12 Faceplate	PA6-TB18A	BKR-5300-TB07A	PA2-5300-TB11A	BKR-5310-TB07A
After July 1, 2002 Din Mount	PA6-TB17A	BKR-5300-TB08A	PA2-5300-TB12A	BKR-5310-TB08A
MINITOUR (FORD & GM) Dealer Part Numbers	GM and Ford kits available with internal/external switch (w/sw) or without internal/external switch (w/o sw). Wiring plugs into GM or Ford OEM wiring.			
Minitour – GM 2001 to Current	PA6-GM11A (w/o sw)  PA6-GM12A (w/sw)	BKR-5300-GM04A	PA2-5300-GM09A (w/o sw)  PA2-5300-GM11A (w/sw)	BKR-5310-GM04A
Minitour – Ford 1998 to Current	PA6-FM11A (w/o sw)  PA6-FM12A (w/sw)	BKR-5300-FM03	PA2-5300-FM12 (w/o sw)  PA2-5300-FM14A (w/sw)	BKR-5310-FM03

## THOMAS RADIO AND PA SYSTEMS BY CUSTOM RADIO

Bus Model & Year	AM/FM Stereo Cassette PA	AM/FM Stereo CD	AM/FM Stereo CD PA
CONVENTIONAL Dealer Part Numbers			
Before Jan. 1, 1998 4 x 12 Faceplate	PA2-5310-TB11A	BKR-5340-TB07A	PA2-5340-TB11A
After Jan. 1, 1998 Din Mount	PA2-5310-TB12A	BKR-5340-TB08A	PA2-5340-TB12A
SAFETY LINER Dealer Part Numbers			
Before Aug. 1, 2000 4 x 12 Faceplate	PA2-5310-TB11A	BKR-5340-TB07A	PA2-5340-TB11A
After Aug. 1, 2000 Din Mount	PA2-5310-TB12A	BKR-5340-TB08A	PA2-5340-TB12A
FORWARD CONTROLS Dealer Part Numbers			
Before July 1, 2002 4 x 12 Faceplate	PA2-5310-TB11A	BKR-5340-TB07A	PA2-5340-TB11A
After July 1, 2002 Din Mount	PA2-5310-TB12A	BKR-5340-TB08A	PA2-5340-TB12A
MINITOUR (FORD & GM) Dealer Part Numbers			
Minitour – GM 2001 to Current	PA2-5310-GM09A (w/o sw)	BKR-5340-GM04A	PA2-5340-GM09A (w/o sw)
	PA2-5310-GM11A (w/sw)		PA2-5340-GM11A (w/sw)
Minitour – Ford 1998 to Current	PA2-5310-FM12 (w/o sw)	BKR-5340-FM03	PA2-5340-FM12 (w/o sw)
	PA2-5310-FM14A (w/sw)		PA2-5340-FM14A (w/sw)



## AMTRAN RADIO AND PA SYSTEMS BY CUSTOM RADIO

Bus Model & Year	PA System	AM/FM Stereo	AM/FM Stereo PA	AM/FM Stereo Cassette
	<p>Amtran switched terminal connection on plug sometime in 2000. Custom Radio is not sure of the effective date.</p> <p>Always check the terminals in the plug on the bus side to determine if male or female terminals.</p> <p>All units are mounted to a 2.75" x 10.5" black faceplate. PA units include fuse, microphone, internal/external switch and plug.</p>			
Before 2000 Male Terminals	PA6-AM10A	BKR-5300-AM04A	PA-5300-AM04A	BKR-5310-AM04A
After 2000 Female Terminals	PA6-AM11A	BKR-5300-AM06A	PA2-5300-AM05A	BKR-5310-AM06A

Bus Model & Year	AM/FM Stereo Cassette PA	AM/FM Stereo CD	AM/FM Stereo CD PA
Before 2000 Male Terminals	PA2-5310-AM04A	BKR-5340-AM04A	PA2-5340-AM04A
After 2000 Female Terminals	PA2-5310-AM05A	BKR-5340-AM06A	PA2-5340-AM05A

## BUS-WATCH® Digital Surveillance

- No tapes required
- Backward compatible with the current analog BUS-WATCH® System
- Real time digital recording - up to 30 frames/60 fields per second
- Ability to download, print and e-mail images
- Adjustable frame rate
- Removable hard drive featuring durable lap-top computer technology (available in 30 and 60 GB)
- Multiple camera capability (up to 4 cameras)



REI

## BUS-WATCH® Camera

- .1 lux low-light sensitivity
- High-resolution CCD cameras for sharper images
- Electronic iris control
- Sturdy, four-point mounting system
- Built-in condenser microphone
- Sturdy steel housing deters vandalism
- Easy installation and connection
- Decoy systems available
- 3" wide x 3" high x 3" deep
- 4mm and 8mm lenses available
- Color and black/white cameras available



REI

## Digital BUS-WATCH® Viewing Station

- Easy-to-use
- Insert removable hard drive into viewing station
- Use to download streaming video or still images to a PC
- View by connecting to PC or TV/Video Monitor
- Software and cables included
- Sturdy steel housing deters vandalism
- Easy installation and connection
- Decoy systems available
- 3" wide x 3" high x 3" deep
- 4mm and 8mm lenses available
- Color and black/white cameras available



REI

## BUS-WATCH® VCR

- Records speed, brakes, turn signals, stop arm and warning lights
- Up to eight hours record time on standard VHS
- Automatic rewind and record
- Delay record for up to 35 minutes after ignition is turned off
- 10 event - 24 hour programmable recording
- Automatic daylight savings time adjustment
- Industrial grade components for durability
- Decoy systems available
- Tamperproof, lockable steel housing
- Built-in heater for temperature control inside the VCR
- Unique slide bracket for quick installation
- Reversible top or bottom mount hardware included
- Engineered specifically for the rugged School Bus Environment



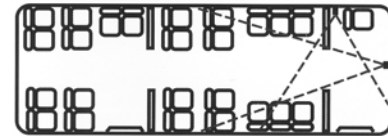
REI

## BUS-WATCH® CAMERA SURVEILLANCE SYSTEMS

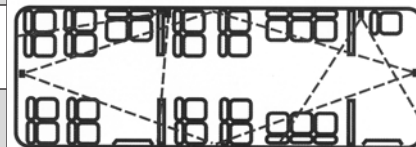
REI P/N	SYSTEM	DESCRIPTION
750055	Single	8mm Color with Analog VCR
750059	Single	4mm Black and White with Analog VCR
750058	Single	8mm Black and White with Analog VCR
769980-1C	Single	Color with Digital DVR and Removable Hard Drive
769980-1	Single	Black and White with Digital DVR and Removable Hard Drive



750056	Two	4mm/8mm Black and White with Analog VCR
769980-2C	Two	Color with Digital DVR and Removable Hard Drive
769980-2	Two	Black and White with Digital DVR and Removable Hard Drive



750054	Multi	4mm/8mm Black and White with Analog VCR
769980-3C	Multi	Color with Digital DVR and Removable Hard Drive
769980-3	Multi	Black and White with Digital DVR and Removable Hard Drive
769980-4C	Multi	Color with Digital DVR and Removable Hard Drive
769980-4	Multi	Black and White with Digital DVR and Removable Hard Drive



*Additional Analog and Digital BUS-WATCH® Camera Systems are available.*

