

REI



ELECTRONIC SOLUTIONS

AG, CONSTRUCTION, UTILITY & OTHER EQUIPMENT APPLICATIONS



AGCO
Bobcat
Case
John Deere
Kubota
Mac Don
New Holland
JCB
McCormick

Why REI is Superior

- Custom solutions for OEMs.
- One source provider for engineered products.
- Over 75 years of industry knowledge leading the mobile market.
- Products designed, engineered and developed in the USA.
- We'll never leave you stranded with 24/7/365 customer support.



360° of accelerated engineering.

Delivering on the strength of a 75-year history, Radio Engineering Industries (REI), a family-owned company, continues to be the longstanding innovator, manufacturer and supply chain provider for hundreds of OEMs in the agriculture, construction and commercial vehicle market. Powering the industry with unmatched engineering to take on the toils of the toughest environments and a relentless pursuit to keep operators connected to their most powerful assets and machines in the field is what fuels our passion.

Our ingenuity runs deep in our history dating back to WWII where REI entered the market with electronics instruction to engineering CB Radios in 1975 to manufacturing tractor radios in 1977. Today, our state-of-the-art engineering and design sets the stage for the next generation of agricultural and construction excellence.

REI enhances the experience from a 360° perspective. Rugged, industrial-grade equipment that can observe, receive and entertain for hours in the field and onsite. REI allows for easy, plug and play applications that are compatible with various technologies taking on diverse climates, harsh elements and rugged terrain.

Our strength is our character. USA designed. Customer care 24/7/365. American values. Quality products and innovation you can count on.

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observing all angles.
engineered for in-the-field power.
rugged to withstand the elements.

heavy-duty radios

CD-5000

AM/FM/CD/WB/BT Stereo Radio



ITEM	PART #
CD-5000 w/D6 Connector	710475D6
CD-5000 for Kubota w/Harness	710474

ST-4000

AM/FM/WB Stereo Radio



ITEM	PART #
ST-4000 w/D6 Connector	701196D6

CD-3000

AM/FM/CD/WB Stereo Radio



ITEM	PART #
CD-3000 w/D6 Connector	710439D6

ST-3000

AM/FM/WB Stereo Radio



ITEM	PART #
ST-3000 w/D6 Connector	701194D6
ST-3000 for Kubota w/Harness	701195

Kubota Excavator Kits

ITEM	PART #
ST-3000 Kubota Excavator Kit (Fits Excavators: U35, U45, U55, & KX057-4)	760935
ST-3000 Kubota Excavator Kit (Fits Excavators: KX91, KX121, KX161-3, & KX3)	750254

For a complete listing of radio harnesses, see pages 6-11. For specialty radios, see pages 12-13.

ST-1000

AM/FM/WB Stereo Radio



- Shallow chassis with 2.75" mounting depth

ITEM	PART #
ST-1000 w/D6 Connector	701189D6
ST-1000 w/ISO Connector	701193

RADIO COMPARISON



CD-5000

CD-3000

ST-4000

ST-3000

ST-1000

AW-10

WB WB (Weather Band)	✓	✓	✓	✓	✓	
Preset stations	18 FM / 12 AM 7 WB	18 FM / 12 AM 7 WB	18 FM / 12 AM 7 WB	18 FM / 12 AM 7 WB	18 FM / 12 AM 7 WB	18 FM / 12 AM
Power output	50 Watt x 4	50 Watt x 4	50 Watt x 4	50 Watt x 4	50 Watt x 2	40 Watt x 4
Operating voltage	+12VDC neg gnd	+12VDC neg gnd	+12VDC neg gnd	+12VDC neg gnd	+12VDC neg gnd	+12VDC neg gnd
CD Compact Disc w/Anti-skip mechanism	✓	✓				
MP3 WMA MP3/WMA Playback	✓	✓	✓			✓
SD Front-panel SD/SDHC card input		✓	✓			
USB USB						
Front-panel type-A input		✓	✓			
Rear type-A input	✓					✓
Cellphone charge port in USB MODE	✓	low current devices only	low current devices only			low current devices only
BT Bluetooth®						
Audio streaming	✓					✓
Hands free calling	✓					
iPod iPod®/iPhone® ¹						
Built in iPod charging	✓					
Built in iPhone charging	✓					
Built in iPod controls	✓					
AUX AUX						
Front panel connects iPods, MP3 players and portable media players	✓	✓	✓	✓	✓	
Rear / RCA audio input jack	✓	✓	✓	✓	✓	✓
USA/EURO radio frequency modes	✓	✓	✓	✓	✓	✓
Radio station lock out		✓	✓			
Station presets stored during power loss	✓	✓	✓	✓	✓	✓
Clock	✓	✓	✓	✓	✓	✓
30 day clock backup	✓			✓		
RDS text ²		✓				
Radio chassis connector	ISO	16 Pin	16 Pin	ISO	ISO	NA (Hard Wire)
Includes harness		✓	✓			

¹ Earlier model iPods are not supported because they do not implement the USB control protocol. They may be connected to the radio using auxiliary inputs if available.

² Radio stations broadcasting RDS may not be available in your listening area.

AW-10

AM/FM/BT Waterproof Stereo Radio



- Fits standard tachometer opening
- 1.60" mounting depth
- Universal bracket provides multiple mounting options
- Great solution for skid steers and smaller equipment

ITEM	PART #
AW-10 Kit	750292
Items sold separately:	
AW-10 Radio	710461
Box Speakers (Includes 2 Speakers)	230068
Antenna	210066
Universal Mounting Bracket	561086

radio harnesses

AGCO

TRACTOR MODEL	RADIO PART #						HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701193	ST-1000 701189D6	ST-4000 701196D6	
AGCO DT Series							
A, 120	√	√	√		√	√	511834
160, 180, 200, 225	√	√	√		√	√	511751
B				√			512202
AGCO GT Series							
AGCO GT Series	√	√	√		√		511978
AGCO GT Series (older models w/cab)	√	√	√		√	√	511846
AGCO GT Series (older models w/canopy)	Use any roofmount or fendermount radio						
AGCO GT Series (older models w/o cab or canopy)	Use any fendermount radio						
AGCO LT Series							
A, 70, 75, 85, 90	√	√	√		√	√	511834
AGCO RT Series							
95, 115	√	√	√		√	√	511664
130, 145	√	√	√		√	√	511751
100, 120, 135, 150	√	√	√		√	√	511834
AGCO ST Series	√	√	√		√	√	511978
Challenger MT Series							
300					√		511834
445, 455, 465, 535, 545	√	√	√	√		√	N/A Plug & Play
565, 635, 645, 655, 665, 765	√	√	√		√	√	511751
B	√	√	√		√	√	511834
C	√	√	√	√		√	512202
Fendt Series							
400, 700, 900	√	√	√		√	√	511752
926	√	√	√		√	√	511637

TRACTOR MODEL	RADIO PART #						HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701193	ST-1000 701189D6	ST-4000 701196D6	
Gleaner Combines	√	√	√		√	√	
Hesston							
Hesston 9635 SP Windrower	√	√	√	√		√	ISO
Other Hesston Windrowers	√	√	√		√	√	N/A Plug & Play
Massey Ferguson Combines							
8680, 8780	√	√	√		√	√	N/A Plug & Play
Massey Ferguson Swathers							
220 Series II					√		Punch out an opening for the radio
2650					√		511834
1500	√	√	√		√	√	511978
8560				√			512202
300, 1635, 1700, 4600	√	√	√	√		√	ISO
Massey Ferguson Tractors							
400, 500, 533, 543, 563, 573, 583, 593, 596	√	√	√		√	√	511845
4300	√	√	√	√		√	ISO
6200, 6700, 8200	√	√	√			√	511664
3600, 5400, 6400, 7400, 8400, 9400	√	√	√		√	√	511834
4300 Orchard Cab	√	√	√	√			511315
7600					√		511834
8600	√	√	√	√		√	512202
Spra-Coupe							
4460	√	√	√	√		√	ISO
Melrose	√	√	√		√	√	511692

Radio Chassis Connectors

ISO Plug

CD-5000/ST-3000/ST-1000



D6 Plug

CD-5000/CD-3000/ST-4000/ST-3000/ST-1000



radio harnesses

CASE/IH

TRACTOR MODEL	RADIO PART #						HARNESS PART #	
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701189D6	ST-4000 701196D6	ST-1000 701193		ST-1000 750225
86-88							√	N/A Plug & Play
90-94-96 (Cut & Splice)				√				N/A Plug & Play
1400 & 1600 Combine (Cut & Splice)				√				N/A Plug & Play
2100 Series Combine				√				511505
2300 Series Combine	√	√	√		√			N/A Plug & Play
8010 Combine	√	√	√		√	√		512231
CX	√	√	√		√	√		512231
DX	√	√	√		√	√		512231
Farm All	√	√	√		√	√		512231
JX 65, 80, 95	√	√	√		√	√		512231
JXU	√	√	√		√	√		512231
Maxxum & Magnum (Early Series)	√	√	√	√	√			N/A Plug & Play
MX 110, 120, 180, 200	√	√	√	√	√			511365
MX 230	√	√	√		√	√		512231
MX 270	√	√	√		√	√		512231
MXM	√	√	√		√	√		512231
MXU	√	√	√		√	√		512231
Puma	√	√	√		√	√		512231
STX	√	√	√		√	√		512231
WDX Windrowers	√	√	√	√	√			N/A Plug & Play
2007+	√	√	√		√	√		512231

JCB

TRACTOR MODEL	RADIO PART #					HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701193	ST-4000 701196D6	
JCB	√	√	√	√	√	512231

JOHN DEERE

TRACTOR MODEL	RADIO PART #								HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-1000 701191	ST-3000 701194D6	ST-1000 701193	ST-1000 701190	ST-1000 701189D6	ST-4000 701196D6	
10 Series	√	√		√			√		518817
15 Series	√	√		√	√				N/A Plug & Play
20 Series	√	√		√	√				N/A Plug & Play
25 Series	√	√		√	√				N/A Plug & Play
30/40 Series						√			N/A Plug & Play
50 Series			√						N/A Plug & Play
55/60 Series Row Crop	√	√		√			√	√	510818
60/70 Series 4WD	√	√		√			√	√	510818
6000/7000/ 8000 Series	√	√		√			√	√	510817
Combine Pre-1991	√			√			√	√	510728
Combine 1991-2005	√			√			√	√	510559
2006+	√	√		√	√			√	N/A Plug & Play
John Deere Construction Equipment									
Mini Excavator							√		511255
CLC Excavators	√	√	√	√	√	√		√	512484
Motor Graders	√	√	√	√	√	√		√	N/A Plug & Play
Wheel Loaders	√	√	√	√	√	√		√	N/A Plug & Play

KUBOTA

TRACTOR MODEL	RADIO PART #					HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701189D6	ST-4000 701196D6	
M Series 4900, 5700, 6800, 8200, 9000	√	√	√	√	√	511644
Other M, L & RTV1100 Series	√	√	√	√	√	511655
Kubota Mini Excavator						511255
Kubota	√					512228

radio harnesses

LS TRACTOR

TRACTOR MODEL	RADIO PART #					HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701189D6	ST-4000 701196D6	
XR Series	√	√	√	√	√	512767

MAC DON

TRACTOR MODEL	RADIO PART #				HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-4000 701196D6	
Mac Don	√	√	√	√	N/A Plug & Play

McCORMICK

TRACTOR MODEL	RADIO PART #					HARNESS PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701193	ST-4000 701196D6	
McCormick	√	√	√	√	√	512231

NEW HOLLAND

TRACTOR MODEL	RADIO PART #						HARNES PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701193	ST-1000 701189D6	ST-4000 701196D6	
40/60 Series, Case CX	√						512228
A Series	√	√	√	√		√	512231
Boomer Series 33-47, 3000, CVT	√	√	√		√	√	512767
Genesis & Versatile	√	√	√		√	√	511655
Power Star 40	√	√	√	√		√	512231
Power Star 60	√	√	√	√		√	512231
TG, TL, TM, TJ, TN, TS	√	√	√	√		√	512231
2450, 2550 Windrower	√	√	√		√	√	N/A Plug & Play
TR 87, 96, 97	√	√	√		√	√	511655
TV 140	√	√	√		√	√	511655
TW	√	√	√		√	√	511655
2007+	√	√	√	√		√	512231

YANMAR

TRACTOR MODEL	RADIO PART #					HARNES PART #
	CD-5000 710475D6	CD-3000 710439D6	ST-3000 701194D6	ST-1000 701189D6	ST-4000 701196D6	
VIO80, SV100-1				√		512472
VIO80-1, SV100-2	√	√	√		√	511834

REI also supports the following dealers:

Call 800.228.9275 for more information.

- Bobcat
- Branson
- Daewoo
- Gehl/Mustang
- Kenworth
- Kioti
- Komatsu
- Sterling
- TYM
- Volvo

radio kits

Roofmount Radio Kits



760936



- Universal mounting
- 21.75"W x 2.75"H x 9"D
- 12 VDC negative ground
- Perfect solution for any vehicle with a top (golf cart, UTV, RTV, etc.)

ITEM	PART #
REC-2 CD-3000 w/Bare Wires	760936
REC-2 ST-1000 w/Bare Wires	760910

Kits Include:

- 2 Built-in Stereo Speakers
- Flexible AM/FM Antenna w/60" Cable (210066)
- 1/4" Headphone Jack
- Mounting Hardware



760910



- Universal mounting
- 7.75"W x 8.5"H x 5.25"D
- 12 VDC negative ground

ITEM	PART #
ROF-3W ST-1000 w/Bare Wires	760914

Kit Includes:

- Built-in 5" x 7" Speaker
- Flexible AM/FM Antenna w/60" Cable (210066)
- 1/4" Headphone Jack
- Mounting Hardware



760914



760871



550344

- Built-in stereo speakers (760871)
- Universal mounting
- 21.75"W x 2.75"H x 9"D (760871)
- 10"W x 3.5"H x 9"D (550344)
- Mounts flush to header
- Includes mounting hardware (550344)

ITEM	PART #
Roofmount Stereo Universal Housing	760871
Roofmount Stereo Universal Housing w/out Speakers	550344

Panel/Bezel Radio Kits



750225

AUX WB

- 2.75" mounting depth
- 12 VDC negative ground

ITEM	PART #
ST-1000 Radio for Case/IH 86/88 Series Radio Kit	750225

Kit Includes:

- Harness Adapter
- Mounting Panel



701190



701191

AUX WB

- 12 VDC negative ground

ITEM	PART #
ST-1000 for John Deere 30-40 Series - Black Bezel Radio Kit (Not compatible with single speaker cab system.)	701190
ST-1000 for John Deere 50 Series - Brown Bezel Radio Kit	701191

Kit Includes:

- OEM Replacement Housing/Bezel
- Harness Adapter

Fendermount Radio Kits



760909

AUX WB

- Exclusive roll-a-cover design protects from dust and moisture
- 11"W x 11.5"H x 9"D
- 12 VDC negative ground only
- Ideal for open-station cabs

ITEM	PART #
RAF-4W ST-1000 w/Bare Wires	760909

Kit Includes:

- 2 Built-in Stereo Speakers
- 1/4" Headphone Jack
- Mounting Hardware

speakers

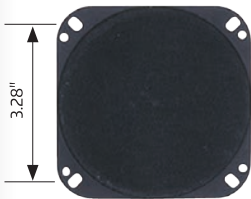
Speakers in Housings



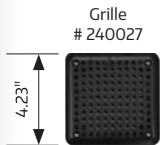
- 5"W x 4"H x 3.5"D (excluding mount bracket)
- Polypropylene/mylar weatherproof speaker
- UV protected plastic enclosure
- 30 Watts max power
- 4 OHMS Impedance

ITEM	PART #
3" Full Range Speaker (Includes 2 Speakers)	230068
4" Speakers in Weatherproof Black Housings (WP-402BKH) (Includes 2 Speakers)	230073

4" Square Speaker



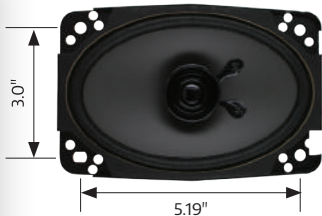
- Full-range speaker
- 30 Watts max power
- 4 OHMS impedance



Grille
240027

ITEM	PART #
4" Speaker	220040

4" x 6" Full-Range Speaker



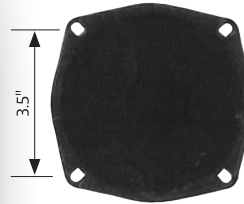
- 25 Watts max power
- 4 OHMS impedance



Grille
240052

ITEM	PART #
4" x 6" Full-Range Speaker	220053

5" Speakers



- Full-range speaker
- 30 Watts max power
- 4 OHMS impedance



Grille
240040

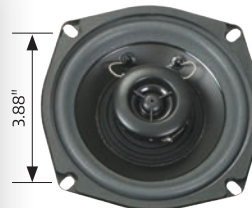
ITEM	PART #
5" Speaker	220035



- 5.42"W x 5.42"H x 4.3"D
- 70 Watts max power
- 4 OHMS impedance

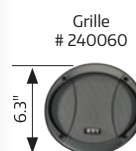
ITEM	PART #
5" Speaker Dual Cone (Includes 2 Speakers)	760663
5" Speaker Two-way Coax (Includes 2 Speakers)	760622

5.25" Speaker w/Poly Cone



- 10 Watts max power
- 4 OHMS impedance

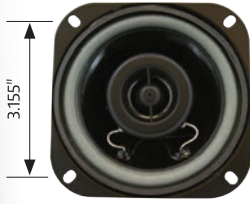
- 100 Watts max power
- 4 OHMS impedance
- 1" dome tweeter



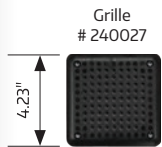
Grille
240060

ITEM	PART #
5.25" Speaker w/Poly Cone - 10W	220015
5.25" Speaker w/Poly Cone - 100W	220067
Speaker and Grille	220094

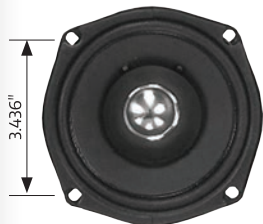
Coax Speakers



- 45 Watts max power
- 2 Pin harness plug
- 1" dome tweeter
- 4 OHMS impedance



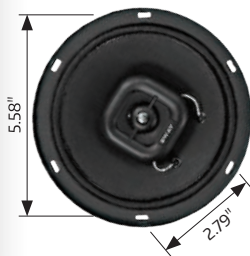
ITEM	PART #
4" Coax Speaker	220062



- 70 Watts max power
- 1" dome tweeter
- 4 OHMS impedance



ITEM	PART #
5" Coax Speaker	220073

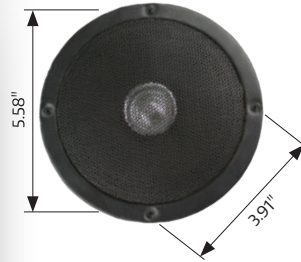


- 50 Watts max power
- Ferro-fluid cooled voice coil
- 4 OHMS impedance



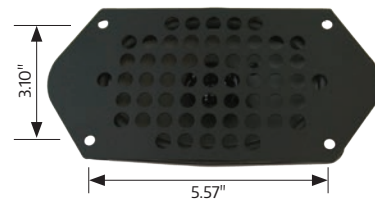
ITEM	PART #
5.25" Coax Speaker	220049

Speakers with Grilles



- Dual cone speaker
- 30 Watts max power
- 4 OHMS impedance

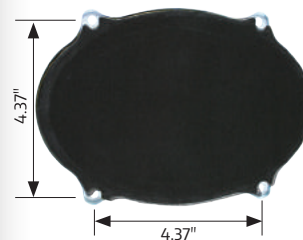
ITEM	PART #
4" One-Piece Speaker w/Grille	220078
6" One-Piece Speaker w/Grille (shown)	220026



- OEM replacement for Case/IH 86/88
- 25 Watts max power
- 4 OHMS impedance

ITEM	PART #
4" x 8" One-Piece Speaker w/Grille	230042

5" x 7" Full-Range Speaker



- 30 Watts max power
- 4 OHMS impedance

ITEM	PART #
5" x 7" Full-Range Speaker	220037

antennas

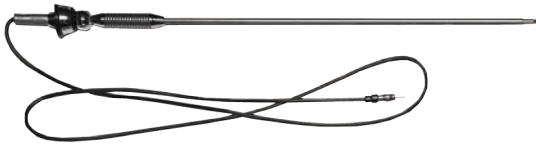
Universal Mount Antennas



Flexible AM/FM

- Flexible, rust proof, wire wound mast with rubber coating
- Split ball adjustable base
- Male Motorola plug

ITEM	PART #
Flexible AM/FM Antenna w/60" Cable	210066
Flexible AM/FM Antenna w/84" Cable	210056
Replacement Rubber Mast	210067



Top/Side

- Single section 31" steel mast
- Universal top or side mount/heavy-duty spring
- Mast adjustable to 180 degrees
- Male Motorola plug

ITEM	PART #
Top/Side Universal Mount Antenna w/54" Cable	210098

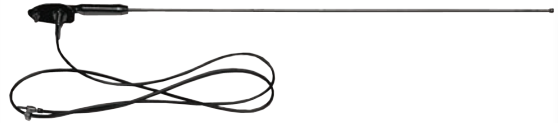
Telescoping Antenna



- Pillar mount

ITEM	PART #
Telescoping Antenna w/48" Cable	210018

Side Mount Antennas



Steel Mast

- Single section 31" steel mast
- Side mount/heavy-duty spring
- Male Motorola plug

ITEM	PART #
Steel Mast Side Mount Antenna w/Detachable 54" Cable	210015
Antenna w/Base (Cable Not Included)	210015NC



Spring Loaded

ITEM	PART #
Spring Loaded Side Mount Antenna w/129" Cable	210106

Replacement Mast Kits



Fendermount Radio Antenna



RAF-4W Fendermount Radio Antenna

- Telescoping mast
- Spring-loaded base
- Stainless steel

ITEM	PART #
Fendermount Radio Antenna Replacement Mast	210042
RAF-4W Fendermount Radio Antenna Replacement Mast Kit w/12" Antenna Cable	210058

accessories

FM Antenna Booster



- Amplifies FM signal an average of 8 times
- Improves radio reception
- Extends station range
- 2 Volts maximum total input

ITEM	PART #
FM Antenna Booster	210103

USB Input Extension



- USB 2.0
- 10" cable
- Panel mount

ITEM	PART #
USB Input Extension	512485

Headphones



- Wide, comfortable headband
- Coiled cord
- 1/4"/3.5mm combination plug
- Independent volume controls
- Stereo/mono switch

ITEM	PART #
Headphones	480042L

Noise Reduction Filter



- Compatible with most radios
- Easy to mount
- Heavy-duty 18-gauge lead wires

ITEM	PART #
Noise Reduction Filter	450010

Antenna Extension Cables

Motorola Female to Motorola Male Plugs

ITEM	PART #
24" Extension Cable	530013
36" Extension Cable	530015
48" Extension Cable	530001
96" Extension Cable	530003
144" Extension Cable	530004

Converters / Adapters



24V - 12V DC Power Converter



EURO Antenna Adapter

ITEM	PART #
24V-12V DC Power Converter	700958
24V-12V DC Power Converter Harness	511976
EURO Antenna Adapter	110650

retail demo display unit



A compact tool to help you make the sale.

The REI Radio and Camera Retail Demo Display has nearly everything your Ag, Construction, and Utility equipment customers need in order to experience the difference REI electronic solutions can offer.

- Pre-assembled, plug-and-play design
- Compact, lightweight display can go virtually anywhere
- Showcases premium REI products
- Hands-on experience your customers will appreciate

REI Retail Demo Display Unit includes:

Camera Observation System
Digital Color 7" LCD Monitor with a mini high-resolution box camera

REI Resource Guide
Product quick reference guide for all equipment makes and models



Universal Mount AM/FM Flexible, Split Ball Adjustable Base Antenna

ST-3000 Heavy-duty Stereo Radio
AM/FM/WB Stereo Radio

AUX WB

CD-5000 Heavy-duty Stereo Radio
AM/FM/CD/WB/BT Stereo Radio

CD MP3 WMA USB BT AUX WB iPod

Pair of 5.25" Speakers with Poly Cone/ 6.3" Grill

Allow 6-8 weeks for delivery.

For more information or to order your demo display, call your REI representative at 800.228.9275.

notes

Lined writing area for notes.

REI

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