



AGRICULTURE, CONSTRUCTION, UTILITY

AND OTHER EQUIPMENT APPLICATIONS



Mitigate risks and stay connected

with heavy-duty, audio/video and safety solutions by REI.

Our innovative solutions are engineered and manufactured for durability and reliability to power through the days with you. Each is rigorously tested to withstand:

- Dynamic loads

AGCO

Yanmar Case

Kubota

MacDon

JCB

John Deere

New Holland

McCormick

- Extreme temperatures
 Years of rugged use

We're proud to offer the following for commercial and industrial use:

- Radios
- Radio harnesses
- Camera observation kits
- Cables
- Mounting kits

Beyond durability and superior performance, REI products feature seamless integration with existing solutions.

Trust a longstanding innovator with hundreds of satisfied OEMs in the agriculture, construction and commercial vehicle markets.



engineered to defy the elements

CONTENTS

HEAVY-DUTY RADIOS
RADIO HARNESSES
RADIO KITS
SPEAKERS
ANTENNAS
ACCESSORIES
CAMERA OBSERVATION
SUPPORT AND WARRANTY

Custom solutions for OEMs

- More than 80 years of industry experience
- 24/7/365 Support based in the U.S.
- Outstanding warranty program

heavy-duty, in-dash radios

AM/FM/WB Stered	a Dadia	ST-4050	Dadia	
(2.75" shallow-depth ch		AM/FM/WB Stereo (2.93* shallow-depth cha		
				Depth
0 an 1 2 3 4 5			20 (20) (20)	Preset stations
		and the second s		Power output
AUX WB		MP3 WMA USB AUX	WB iPod	Operating voltage
				Compact disc with anti-skip n
ITEM	PART #		PART #	CD / DVD player
ST-1000 with D6 connector	701189D6	ST-4050 with D6/ISO connector	710797	MP3/WMA playback
ST-1000 with ISO connector	710831			WB (Weather Band)
				USB
VR-5650		ST-5050		Front-panel type-A input
AM/FM/CD/DVD Stereo Radio	o With Bluetooth®	AM/FM/WB Stereo		Rear type-A input
		(2.93" shallow-depth cha	assis)	Smartphone charge port in US
	AFANT MATRIXATE	0 M/15 BEE ET-600 ALTOURS	INFECTION CONTINUES	Bluetooth®
Recoswith	and the second s	Recovering the		Audio streaming
12	A 2	3 = 1 2 3 4 4		Hands-free calling
				Smartphone/portable media
CD MP3 BT AUX	iPod	MP3 WMA USB BT AU.	IX WB iPod	Built-in iPod®/iPhone®1/Andro charging
ITEM	PART #	ITEM	PART #	Built-in iPod®/iPhone®1 contro
VR-5650 with D6/ISO connector	760963	ST-5050 with D6/ISO connector	760946	AUX
VR-5050 With D6/150 connector	700903	31-5050 with D0/150 connector	700940	Front panel connects iPods, M players and portable media p
	AW-	20		Rear/RCA audio input jack
	Aw-	20		
	AW- AM/FM/WB S			
		tereo Radio		
	AM/FM/WB S	tereo Radio		
	AM/FM/WB S	tereo Radio		Station presets stored during
	AM/FM/WB S	tereo Radio		Station presets stored during Clock
	AM/FM/WB S	tereo Radio		Station presets stored during Clock Coin cell battery (10 years)
	AM/FM/WB S	tereo Radio		Station presets stored during Clock Coin cell battery (10 years) RDS text ²
	AM/FM/WB S	tereo Radio		Station presets stored during Clock Coin cell battery (10 years) RDS text ² Radio chassis connector
	AM/FM/WB S (3.21' shallow-de	tereo Radio pth chassis)		Coin cell battery (10 years) RDS text ² Radio chassis connector

AW-20

Shallow

Preset stations	18 FM/12 AM 7 WB
Power output	50 Watts x 4
Operating voltage	+12 VDC
Compact disc with anti-skip mechanism	
CD / DVD player	
MP3/WMA playback	٠
WB (Weather Band)	•
USB	
Front-panel type-A input	
Rear type-A input	٠
Smartphone charge port in USB MODE	1.0A
Bluetooth®	
Audio streaming	•
Hands-free calling	
Smartphone/portable media player1	
Built-in iPod®/iPhone®1/Android charging	•
Built-in iPod®/iPhone®1 controls	
AUX	
Front panel connects iPods, MP3 players and portable media players	
Rear/RCA audio input jack	•
USA/EURO radio frequency modes	•
Station presets stored during power loss	•
Clock	
Coin cell battery (10 years)	
RDS text ²	•
Radio chassis connector	ISO
SAEJ1455 compliant	•

upported because they do not implement the USB control protocol. They may be connected to the radio using auxiliary inputs if available. RDS may not be available in your listening area.

For a complete list of radio harnesses, see pages 6-13. For specialty radios, see pages 14-16.

radio comparison

0	Gi Ini wi	ÖF Ha	The second se
ST-1000	ST-4050	ST-5050	VR-5650
Shallow	Shallow	Shallow	Standard
18 FM/12 AM 7 WB			
50 Watts x 2	50 Watts x 4	50 Watts x 4	50 Watts x 4
+12 VDC	+12 VDC	+12 VDC	+12 VDC
			•
			•
	•	•	•
•	•	•	•
	•		
		•	•
	1.5A	1.5A	1.5A
		•	•
		•	•
	•	•	•
	•	•	•
		••••••	
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
•	•	•	•
	•	•	•
	•	•	•
ISO / D6	ISO	ISO	ISO
•	•	•	•



AGCO

TRACTOR MODEL		RADIO PART #					
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797		
AGCO DT Series							
A, 120	•		•	•	•	511834	
160, 180, 200, 225	•		•	•	•	511751	
В		٠				512202	
AGCO GT Series	•		٠	•		511978	
AGCO GT Series (older models with cab)	•		•	•	•	511846	
AGCO GT Series (older models with canopy)			Use any roof-mou	int or fender-mount ra	adio		
AGCO GT Series (older models without cab or canopy)			Use any fe	nder-mount radio		-	
AGCO LT Series							
A, 70, 75, 85, 90	•		•	•	•	511834	
AGCO RT Series							
95, 115	•		•	•	•	511664	
130, 145	•		•	•	•	511751	
100, 120, 135, 150	•		•	•	•	511834	
GCO ST Series	•		•	•	•	511978	
Challenger MT Series							
300			•	Short chassis D6 only		511834	
445, 455, 465, 535, 545	•	•		•	•	N/A Plug and Pla	
565, 635, 645, 655, 665, 765	•		•	•	•	511751	
B Series	•		•	•	•	511834	
C	•	•		•	•	512202	
endt Series							
400, 700, 900	•		•	•	•	511752	
926	•		•	•	•	511637	
Gleaner Combines	•		•	•	•	N/A Plug and Pla	
lesston							
Hesston 9635 SP Windrower	•	۲		•	•	ISO	
Other Hesston Windrowers	•		•	•	•	N/A Plug and Pla	
Aassey Ferguson Combines							
8680, 8780	•		•	•	•	N/A Plug and Pla	
Massey Ferguson Swathers							
220 Series II			•			Punch out an oper for the radio	
2650						511834	
1500			•			511978	
8560	•	٠	٠	•	•	512202	
300, 1635, 1700, 4600	•	٠		•	•	ISO	

TRACTOR MODEL		HARNESS PART #				
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	
Massey Ferguson Tractors						
400, 500, 533, 543, 563, 573, 583, 593, 596	•		•	•	•	511845
4300 Orchard Cab	•	۲	•	•	٠	511315
4608, 4610	•			•	•	N/A Plug and Play
4700	•			•	•	512202
7600			•	Short chassis D6 only		511834
8600						512202
Spra-Coupe						
4460	•	•		•	•	ISO
Melrose	•		•	•	•	511692

TRACTOR MODEL		RADIO PART #					
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	1	
86-88	750225	Case/IH 86/88 Se	ries kit (AM/FM/WB) includes mounti	ng panel	N/A Plug and Play	
90-94-96 (cut and Splice)		-	•			N/A Plug and Play	
1400 and 1600 Combine (cut and splice)			•			N/A Plug and Play	
2100 Series Combine			•			511505	
2300 Series Combine	•			٠	•	N/A Plug and Play	
8010 Combine	•	•		٠	•	512231	
CX	•	•		٠	•	512231	
DX	•	•		٠	•	512231	
Farm All	•	•		٠	•	512231	
JX 65, 80, 95	•	•		•	•	512231	
JXU	•	•		۲	•	512231	
Maxxum and Magnum (early series)	•		•	٠	•	N/A Plug and Play	
9230 (9000 Series)	•		•	۲	•	N/A Plug and Play	
MX 110, 120, 180, 200	•	٠		٠	•	511365	
MX 230	•	•		۲	•	512231	
MX 270	•	•		٠	•	512231	
MXM	•	•		٠	•	512231	
Puma	•	•		٠	•	512231	
STX	•	•		٠	•	512231	
WDX Windrowers	•		•	٠	٠	N/A Plug and Play	
2007 and later	•	•		•	•	512231	

AGCO

CASE/IH

JCB							
TRACTOR MODEL		RADIO PART #					
	VR-5650 760963	ST-1000 710831	ST-5050 760946	ST-4050 710797			
JCB	•	٠	•	٠	512231		

JOHN DEERE

TRACTOR MODEL		HARNESS PART #				
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	
10 Series	•		•	•		510817
15 Series	•	•		•	•	N/A Plug and Play
20 Series	•	•		•	•	N/A Plug and Play
25 Series	•	•		•		N/A Plug and Play
30/40 Series						N/A Plug and Play
R4030 Sprayer	•	•		•		511985
50 Series		-				N/A Plug and Play
55/60 Series Row Crop	•	•	•	•		510818
60/70 Series 4WD	•		•	•		510818
5000 Series	•	•		e		N/A Plug and Play
5055E	•	•		•		ISO
5075E	•	•	-	e		N/A Plug and Play
i085E	•	•		•		N/A Plug and Play
5090E	•	•	-	•		N/A Plug and Play
5100E	•			●		N/A Plug and Play
5125R	•		•	•		510817
5085M	•	•		•		N/A Plug and Play
:090M	•	•	-	•		N/A Plug and Play
5100M	•	•		٠		N/A Plug and Play
5115M	•	•		•		N/A Plug and Play
6090R, 5100R, 5115R, 5125R	•	•	-	•		N/A Plug and Play
000/7000/8000 Series	•		•	•		510817
700	•		•	•		510817
7800	•		•	•		510817
)120M	•		•	•		512178
6150M	•		•	۲		510559
8130	•	•	•			N/A Plug and Play
3410	•			٠		510817
9360R	•	•	•	۲		ISO
Combine Pre-1991	•		•	۲	٠	512178
Combine 1991-2005	•		٠		٠	510559

TRACTOR MODEL		HARNESS PART #				
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	
John Deere Construction Equipment						
Mini Excavator			•	Short-chassis D6 only		511255
CLC Excavators	•	٠		•	•	512484
Motor Graders	•	•		•	•	N/A Plug and Play
Wheel Loaders	٠	٠		•	٠	N/A Plug and Play

TRACTOR MODEL		RADIO PART #					
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797		
M Series 4900, 5700, 6800, 8200, 9000	•		•	•	•	511644	
Other M, L and RTV 1100 Series	•		•	٠	•	511655	
Kubota Mini Excavator			•			511255	
Kubota M6-1111	٠	٠		٠	•	512353	
Kubota KX057-4 and U55 Excavator	750239 (Kit include		M/WB/AUX, bullet c	connector wiring harı old excavators.)	ness and mounting	513042	

TRACTOR MODEL		RADIO PART #					
	VR-5650 760963	ST-1000 710831	ST-5050 760946	ST-5050 710717	ST-4050 710797		
XR Series	•		•		•	513042	
MT 125	•	٠	•	•	•	513045	
MT 225 S	•	•		٠	•	513045	

				MACDON
TRACTOR MODEL		RADIO PART #		HARNESS PART #
	VR-5650 760963	ST-5050 760946	ST-4050 710797	
MacDon	•	•	•	N/A Plug and Play

JOHN DEERE

KUBOTA

LS TRACTOR

construction equipment

McCORMICK

TRACTOR MODEL		HARNESS PART #			
	VR-5650 760963	ST-1000 710831	ST-5050 760946	ST-4050 710797	
McCormick	•	•	•	•	512231

KIOTI TRACTOR

TRACTOR MODEL			HARNESS PART #		
	VR-5650 760963	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	
Kioti	•	•	•	•	513041

NEW HOLLAND

TRACTOR MODEL	RADIO PART #					HARNESS PART #
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 760946	ST-4050 710797	
40/60 Series, Case CX	•					512228
A Series	•	•		•	•	512231
Boomer Series 33-47, 3000, CVT	•		•	٠	•	513042
Genesis and Versatile	•		•	•	•	511655
8770 (70 Genesis Series)	۲			۲	٠	511655
Power Star 40	•	•		•	•	512231
Power Star 60	•	•		•	•	512231
TG, TL, TM, TJ, TN, TS	•	•		•	•	512231
2450, 2550 Windrower	•		•	•	•	N/A Plug and Play
TR 87, 96, 97	•		•	e	•	511655
TV 140	•		•	•	•	511655
TW	•		•	۲	٠	511655
LB90.B (Backhoe)	•	•		۲	•	N/A Plug and Play
2007 and later	•	•		•	•	512231

TRACTOR MODEL		RADIO PART #					HARNESS PART #
	VR-5650 760963	ST-1000 710831	ST-1000 701189D6	ST-5050 710717	ST-5050 760946	ST-4050 710797	
Yanmar Mini Excavators							
VIO35-6A, VIO45-6A, VIO50-6A, VIO55-6A, SV40					nting bracket and racket and antenna		513039
VIO80			•		•	•	513039
VI080-1	7	60955 (Kit include	es ST-5050 Blueto	oth radio and 5129	68 wiring harness.)	٠	512968
VI080-1A, SV100-2A	7	60955 (Kit include	s ST-5050 Blueto	oth radio and 5129	68 wiring harness.)		512968
SV100*	•			•	•	•	512255
SV100-1			•		Short-chassis D6 only	•	512968
VIO 27, 35, 45, 55-5B			•		•		511834
YanMar Mini Excavators							
V4-7, V8, V10, V12		•		٠		٠	ISO
V4-6	(210066 antenna	and 220040 4" s	peakers required.)	•		٠	ISO

750209 Kit includes two 4-square speakers and wiring harness.

YANMAR

radio kits

AM

Yanmar Custom Kits		Roc	of-Mo
AUX WB	AM FM AUX WB BT	FM AUX WB	
AUX WB Kit includes: • Flexible AM/FM antenna with 60' cable • Mounting hardware ITEM	(210066)	 FM AUX WB Universal mounting 7.75* W x 8.5* H x 5.25* D 12 VDC negative ground Includes antenna with 60° cable 	
Kit includes: • Flexible AM/FM antenna with 60° cable • Mounting hardware ITEM	(210066) PART #	 Universal mounting 7.75* W x 8.5* H x 5.25* D 12 VDC negative ground Includes antenna with 60* cable 	PART #
Kit includes: • Flexible AM/FM antenna with 60° cable • Mounting hardware	(210066)	 Universal mounting 7.75* W x 8.5* H x 5.25* D 12 VDC negative ground Includes antenna with 60* cable ITEM 	PART # 760914

AW-20 Kit w/ Universal-Mount Bracket

Roof-Mount Stereo Universal Housings





- Two 4" weatherproof speakers
- Universal mounting bracket
- Great solution for skid steers and smaller equipment

ITEM	PART #
AW-20 Kit	750292







- Flexible AM/FM antenna with 60" cable (210066) Mounting hardware

ITEM	PART #
ST-5050 Roof-Mount Kit	760945



760871

- Universal mounting

ITEM

Roof-mount stereo

Roof-mount stereo ι without speakers



Universal Housings



550344

• Built-in stereo speakers (760871) • 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)

	PART #
o universal housing	760871
universal housing	550344

radio kits



speakers

5" Speakers



5.25" Speaker with Poly Cone



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



Grille 240060

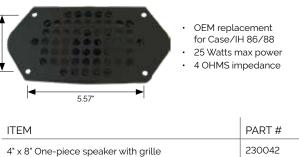
ITEM	PART #
5.25" Speaker with poly cone – 10W	220015
5.25" Speaker with poly cone – 100W	220067
Speaker and grille	220094

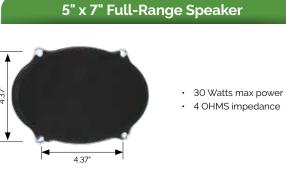
speakers

Coax	Speakers	Speakers with Grilles
Jafe.	 45 Watts max power 4 OHMS impedance Two-pin harness plug 1' dome tweeter 	• Dual-com • 30 Watts • 4 OHMS
ITEM	PART #	×
4" Coax Speaker	220062	ITEM
		4* One-piece speaker with grille
		6" One-piece speaker with grille (shown)
ITEM	 70 Watts max power 1° Dome tweeter 4 OHMS impedance Grille 240040 PART #	• OEM rep for Case/ 25 Watts • 4 OHMS
5" Coax Speaker	220073	ITEM
	 50 Watts max power Ferrofluid-cooled voice coil 4 OHMS impedance 	4" x 8" One-piece speaker with grille 5" x 7" Full-Range Speake
ITEM	Grille 240032	. 30 Watts 4 OHMS
5.25" Coax Speaker	220049	
	·-	4.37"

	 Dual-cone speaker 30 Watts max power 4 OHMS impedance
1	PART #

4" One-piece speaker with grille	220078
6" One-piece speaker with grille (shown)	220026





ITEM	
5" x 7" Full-Dange Speaker	

PART #

220037

5" x 7" Full-Range Spe

Reception is crucial. Stay connected with REI antennas and extension cables, available in a variety of models and lengths to fit all types of radios.

Flexible AM/FM Antennas

Universal-Mount Antenna



 Flexible, rustproof, wire-wound mast with rubber coating • Split-ball adjustable base with included 60" antenna cable

• Male Motorola® plug

ITEM	PART #
Flexible AM/FM Antenna with 60" cable	210066
Flexible AM/FM Antenna with 82" cable	210056
Flexible AM/FM Antenna with 192" cable	210123
Replacement Rubber Mast	210067

AM/FM Top/Side Antenna

Universal-Mount Antenna



- Single-section 31" steel mast
- Universal top- or side-mount/heavy-duty spring
- Includes 54" antenna cable
- Mast adjustable to 180° Male Motorola[®] plug

ITEM	PART #
AM/FM, Top/Side Universal-Mount Antenna	210098

Telescoping Anten	ina
Pillar-Mount Antenna	a
	-
ITEM	PART #
Telescoping, Pillar-Mount Antenna with 48° cable	210018

antennas

AM/FM Steel-Mast Antennas

Side-Mount Antenna



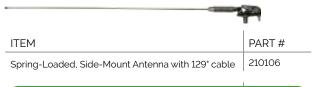
• Male Motorola® plug

Single-section 31" steel mast

- Includes 54" detachable antenna cable
- Side-mount/heavy-duty spring

ITEM	PART #
AM/FM Steel-Mast, Side-Mount Antenna	210015
Replacement Mast	210137

Spring-Loaded Antenna



Replacement Mast Kits

Fender-Mount Radio Antenna

RAF-4W Fender-Mount Radio Antenna



- Telescoping mast
- Spring-loaded base
- Stainless steel

	1
ITEM	PART #
Fender-Mount Radio Antenna Replacement Mast	210042
RAF-4W Fender-Mount Radio Antenna Replacement Mast Kit with 12° antenna cable	210058

AM/FM Shark Fin Antenna



ITEM	PART #
AM/FM Shark Fin antenna with integrated amplifier	210145
36" with integrated antenna/power cable, antenna to radio (Motorola® male and 12-volt power wire)	530171
276" with integrated antenna/power cable, antenna to radio (Motorola® and 12-volt power wire)	530170

Note: 530170 or 530171 power cable required.

accessories



camera observation

Prevent and mitigate accidents around your field or job site with quality-tested camera observation solutions. REI cameras and

Standard Camera Observation System

Views may be tied to actions like reversing or turning, so drivers always see the most critical areas.

Kit includes:

- 7" color monitor (also sold separately, 710344)
- Mini Box Camera with heater
- 65' cable

ITEM	PART #
Standard Camera Observation Kit	760920

5" LCD Color Monitor



- 5" diagonal screen
- Waterproof (IP67 rating)
- Single camera view
- Three camera inputs
- Designed for open-station cabs

ITEM	PART #
5" LCD Color Monitor	710528

Cable Kit

Cable Kit for Tractor/Trailer



Kit includes:

- 5' coiled cable with small
- 5-pin plugs
- Two 33' cables with 5-pin, panel-mount receptacles

ITEM	
5' Cable Kit for tractor/trailer	

PART #

512399

support and warranty

Experience complete solutions including 24/7/365 Support. Our team of experts is standing by to offer tech support, diagnose symptoms and provide feedback and instructions to reduce downtime.

Support: 877.726.4617

REI's Limited Warranty

Our warranty covers failures due to defects in materials and workmanship which occur during normal use. We will repair products, free of charge, as follows:

- Within 90 days from the date of original purchase speakers, antennas and housings
- Within one year from the date of original purchase radios

For warranty service, call our Customer Service at 877.726.4617, Monday through Friday, 7 a.m. – 5 p.m. CST.





6534 L Street, Omaha, NE 68117 800.228.9275 | 402.339.2200 radioeng.com | 24/7/365 Support

count on us around the clock