

ALL-MAKES

AUDIO & OBSERVATION PRODUCT GUIDE

FOR AGRICULTURAL AND CONSTRUCTION EQUIPMENT

2016



- STEREOS
- SPEAKERS
- OBSERVATION SYSTEMS
- ACCESSORIES



CNI
INDUSTRIAL

PARTS
& SERVICE

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HEAVY DUTY

Voyager[®]



Voyager[®]

TOUGHCAM[™]

ABOUT THIS CATALOG AND PROGRAM:

1. **Changes:** Products shown and descriptions are as accurate as possible at the time of printing. ASA Electronics reserves the right to make improvements or changes without prior notification or re-printing of this catalog.
2. **Need Assistance:** If you have any technical or product questions call ASA Electronics toll free at 800-859-3899. Our technical and customer service staffs can assist you with any questions concerning application, fit, function or service. Office hours are 8:00A - 6:00P EST Monday-Friday.
3. **Product Part Numbers:** All part numbers shown in this catalog have a "ZAE" prefix to identify them as products for CNH dealers. The actual part you receive may or may not be labeled with the ZAE prefix. Always order by the complete CNH part number.
4. **Pricing:** All stereo prices are available through CNH. Do not contact ASA Electronics for pricing.
5. **Important:** Do not call ASA Electronics or fax us with your order. We cannot accept direct dealer orders nor can we provide you with dealer or retail pricing.
6. **Shipping:** Most orders are usually shipped from ASA Electronics within five days of receipt.
7. **Warranty & Repair:** See below.

Warranty:

1. The Warranty for all dealers is a "no-fault" "return for replacement" warranty. ASA Electronics reserves the right to replace the returned item with either a factory remanufactured unit, a repaired unit or a new unit.
2. The warranty duration is two (2) years from date of manufacture with the following exception: Dealer shelf life is limited to one year. Therefore any product returned for warranty coverage that is more than three (3) years old (two year from manufacturer plus one year shelf life), as determined by the coded production date on the chassis serial number label will be considered "out-of-warranty" and the claim will be denied.
3. This warranty is solely between you (the dealer) and ASA Electronics (the company). There is no supplemental or service warranty supporting this warranty. There are no payments for either travel expenses or labor for the removal, reinstallation or service of the warranted product.

No-Fault Warranty Defined:

1. No fault is defined as within the warranty period, should your product fail for any reason; we will replace it subject to the above warranty policy. The only exclusions are any LCD display panel, video, stereo entertainment, monitors or cameras that have been damaged by accident, abuse or neglect which are not covered under these products warranty.
2. Simply stated, subject to the above exception, we will never deny your warranty claim provided it meets the defined requirements.

Warranty Claim Procedure:

1. Your customer returns the defective product to you, the dealer, along with a copy (do not send the original) of the bill of sale.
2. You call 800-859-3899 for a "Return Authorization" (RA) and return instructions
3. Return the defective product as explained to you by your customer service agent. A replacement (see #1 under "warranty" above) will be sent within five working days.

Out-of-Warranty Policy:

1. ASA Electronics does not repair out of warranty products. You will be required to purchase a new model.
2. Again as a reminder, ASA Electronics will not take calls from your retail customer on any warranty or pricing issues. Without a formal "Return Authorization," ASA Electronics will refuse any returned product.

Consumer Products:

Some products in this guide are consumer products rather than Heavy Duty products, and therefore offer a one-year consumer warranty.

Consumer Warranty:

1. The warranty for all products in this consumer guide is a 1 Year "return for repair or replacement" warranty. ASA Electronics reserves the right to replace the returned item with either a factory remanufactured unit, a repaired unit or a new unit.
2. The warranty duration is one (1) year from the date of retail sale with the following exception: Dealer shelf life is limited to one (1) year. Therefore any product returned for warranty coverage that is more than two (2) years old (1 year warranty plus one year shelf life), as determined by the ship date of the product to the dealer, will be considered "out-of-warranty" and the claim will be denied.
3. This warranty is solely between you (the dealer) and ASA Electronics (the company). There is no supplemental or service warranty supporting this warranty. There are no payments for either travel expenses or labor for the removal, reinstallation or service of the warranted product.



HEAVY DUTY



ZAEJHD3630BTHD – JENSEN Heavy Duty AM/FM/CD/USB/WB/Bluetooth®/iPod® & iPhone® Ready/SiriusXM-Ready™ Stereo

FEATURES:

- 180 watt maximum power output (45W x 4)
- Bluetooth streaming audio (A2DP/AVRCP)
- Hands-Free calling (HFP) via Bluetooth (ZAEJMICHFPD microphone required - see ZAEJHD3630BTMIC below)
- iPod/iPhone controls and charging via front USB input
- SiriusXM satellite radio (SiriusXM tuner/antenna and subscription required)
- 30-second electronic skip protection for CDs (ESP)
- Seven-channel NOAA weatherband tuner
- MP3/WMA compatible
- AM/FM tuner with RBDS (US/Euro)
- Front and rear AUX inputs; Pre-amp line-out
- S.A.M.E. (Specific Area Message Encoding)
- Large, user-friendly controls and buttons
- Easy-to-read, dot-matrix display with clock
- 30-day, non-volatile memory for station pre-sets and audio/user menu settings
- Two-wire hookup prevents battery drain when vehicle is off
- Conformal coated circuit boards
- Durable design and construction
- Wireless remote control compatible (ZAEREMJHD10CCHD sold separately)
- RoHS compliant

ZAEJHD3630BTMIC – ZAEJHD3630BTHD stereo with included ZAEJMICHFPD microphone



ZAEJMICHFPD microphone



ZAEJHD1635BTHD – JENSEN Heavy Duty AM/FM/USB/WB Bluetooth®/iPod® & iPhone® Ready/ SiriusXM-Ready™ Stereo

Same features as ZAEJHD3630BTHD except for:

- No CD player
- Includes ZAEJMICHFPD microphone for hands-free calling (HFP) via Bluetooth
- Additional USB input on rear pigtail

NOTE: These products are covered under a 2-year Heavy Duty warranty.



ZAEJHD1630HD – JENSEN Heavy Duty AM/FM/WB/
iPod® & iPhone® Ready/SiriusXM-Ready™ Stereo
Same features as ZAEJHD1635BTHD with the exception of Bluetooth and rear USB input.



Seven-channel NOAA weatherband tuner with "Weather Alert" feature, which audibly alerts users and automatically switches the stereo to the appropriate NOAA weather channel when inclement weather is on the horizon.



ZAEJHD1130HD – JENSEN Heavy Duty AM/FM/WB Stereo
FEATURES:

- 160 watt maximum power output (40W x 4)
- Seven-channel NOAA weatherband tuner
- Electronic AM/FM tuner with RBDS (US/Euro)
- Front AUX input
- Large, user-friendly controls and buttons
- Easily visible dot-matrix display with clock
- Durable design and construction
- 30-day, non-volatile memory for station pre-sets and audio/user menu settings
- Conformal coated circuit boards
- Two-wire hookup prevents battery drain when vehicle is off
- Heavy-duty design for maximum durability under all conditions
- Wireless remote control compatible (ZAEREMJHD10CCHD sold separately)
- RoHS compliant

ZAEREMJHD10CCHD

JENSEN Stereo Remote Control

Works with:
ZAEJHD3630BTHD
ZAEJHD1630HD
ZAEJHD1130HD
ZAEJHD1635BTHD



NOTE: These products are covered under a 2-year Heavy Duty warranty.

Heavy Duty Stereos



ZAETRA4500HD

JENSEN Heavy Duty AM/FM
Digitally-Tuned Fender Mount Radio

FEATURES:

- 30 station presets
- Integrated 5" x 7" speaker and antenna
- ZAE1181058HD antenna mast included
- Molded, hi-impact housing
- Completely weatherproof
- Automatic dual-polarity for 12 volt +/- ground equipment
- Built-in headphone jack
- Protective cover (hinged)
- Dimensions: 10"W x 8"H x 8"D



weatherproof

**NEW AND
IMPROVED
CONTROLS**

ZAEJHD40BTHD

JENSEN Heavy Duty AM/FM/WB/USB/Bluetooth® Stereo

FEATURES:

- 160 watts max (40W x 4)
- Bluetooth streaming audio (A2DP) and controls (AVRCP)
- Waterproof (IPX6)
- Seven-channel NOAA weatherband tuner
- AM/FM tuner with 30 station presets
- Auto-store/Preset scan
- iPod/iPhone ready via USB (rear pig tail)*
- Two-wire power (ground, +12VDC switched)
- Line level audio output (rear RCA pair)
- Auxiliary audio input (rear RCA pair)*
- Mounting options: front flush mount, rear flush mount or surface mount with the AMPS pattern
- White LED backlit dot matrix LCD display/buttons
- AMP remote turn on (12V @ 500mA)
- Wired remote control ready
- Conformal coated circuit boards
- Low battery warning
- UV resistant finishes/materials (ASTM D4329)
- Corrosion resistant materials (ASTM B117)

* ZAEJENAU cable required (sold separately)



ZAE1181039HD – JENSEN 14" Top or Side Mount Rubber Mast Antenna

FEATURES:

- Complete antenna package includes antenna, mounting hardware and instructions
- Attached 59" antenna cable
- Rubber gasket for watertight mounting
- Mounting base adjusts 90° for either top or side mounting
- Rubber mast prevents breakage associated with normal metal mast antennas



ZAE1181058HD – JENSEN Replacement Rubber Mast

Replaces mast for
ZAE1181039HD antenna
and ZAETRA4500HD radio

ZAEAN150SRHD

AM/FM amplified antenna
with 7' cable

- 14.5"W x .875"H x .75"D



**NEW
PRODUCT**

ZAEBTKit2HD – Add-on Bluetooth® Kit

FEATURES:

- Simple installation via antenna hookup and power/ground/accessory lead
- Works with any factory or aftermarket radio with antenna
- Compatible with most Bluetooth-enabled phones for streaming audio and hands-free calling
- Voice-activated dialing (depends upon phone function and capability)
- Excellent sound quality through vehicle's speakers
- Automatic stereo muting for added safety and convenience
- Also works with Apple's® voice assistant Siri® by pressing answer button



OPTIONAL ACCESSORIES



ZAEJENAU – JENSEN USB

interface port for connection
to USB capable stereos
Includes 1/8" auxiliary input jack
with RCA cable and waterproof cover



ZAEJMICHPHD

JENSEN 12" Omnidirectional
Microphone

FEATURES:

- Locking connector
- Visor clip and 3M adhesive pad included
- Works with JENSEN Heavy Duty Bluetooth-enabled stereos

NOTE: These products are covered under a 2-year Heavy Duty warranty.

1-Year Warranty

**ZAEJCD2010****JENSEN Automotive AM/FM/CD Stereo****FEATURES:**

- 160 watt maximum power output (40W x 4)
- Euro-DIN (sleeve-mount) chassis design
- Amber LED illumination
- AM/FM tuner with 30 station presets
- Auto-store (AS)
- Preset scan (PS)
- CD player (CD-R/RW compatible)
- 40-second CD ESP (Electronic Skip Protection)
- CD track pause/repeat/intro and random play features
- Preset equalizer (classical, rock, pop, user settings)
- Stereo AUX audio input (3.5mm front jack)
- Rotary encoder volume control
- Three-wire hookup (ACC, Batt, Gnd)
- Loudness
- Clock
- Mute

Includes the 31100114 adapter harness for use on:
Most current production Case IH and New Holland
AG & CE equipment. Compatible with ZAEJCD2010 ONLY.

1-Year Warranty

**NEW
PRODUCT****ZAEJDVD1500****JENSEN AM/FM/Bluetooth®/CD/DVD Player****FEATURES:**

- Three-wire power (ACC, BAT+, GND)
- Bluetooth streaming audio (A2DP) and controls (AVRCP)
- Single-DIN (sleeve-mount) chassis design
- AM/FM tuner with 30 station presets
- Single CD/DVD player (DVD, CD-A, CD-R/RW)
- MP3 support
- Last position memory, intro scan, repeat track/title, random
- Auto-store (AS), preset scan (PS), seek tuning, manual tuning
- RCA stereo input and four-pin microphone input
- Stereo pre-amp audio output (rear RCA)
- Encoded rotary volume control
- Parallel RCA composite AV outputs (2)
- Preset EQ (flat, pop, rock, classic)
- Electronic skip protection (30 second)
- Segmented LCD display
- Audio mute/loudness
- Credit card-size remote control included (JENSEN IR codes)

ZAEJAN139HD**JENSEN 6" Top or Side Mount
Rubber Mast Antenna****FEATURES:**

- Attached 39" cable
- Mounts on top or side of vehicle
- 6" Rubber mast prevents breakage
- Aero styling
- Heavy-duty design

**ZAECE241210AHD – 10 Amp 24-12 volt DC Converter****FEATURES:**

- 10 amp maximum load capacity - suitable for most high power radios and accessories
- For use with 24 volt negative ground systems
- All aluminum housing
- Dimensions: 4.375"W x 2"H x 3.5"D

**OPTIONAL ACCESSORIES****ZAEJMICHFP2****JENSEN 39" Omnidirectional Microphone****FEATURES:**

- Flush mount housing
- Locking connector
- Includes mounting bracket and blank plate
- Works with JENSEN Heavy Duty Bluetooth-enabled stereos

ZAER169159HD**SIRIUS Satellite Radio Vehicle Antenna****FEATURES:**

- 23' wire
- Magnetic base mounts easily to vehicle
- Low-profile, weather-resistant design can withstand most weather conditions

**ZAESXV300V1MHD****SiriusXM Satellite Radio Tuner**

Connect, control and enjoy SiriusXM through your JENSEN stereo

NOTE: These products are covered under a 2-year Heavy Duty warranty.

Meet the MINI!

ZAEJHD910HD – JENSEN Heavy Duty MINI Waterproof AM/FM/WB Radio

FEATURES:

- Play your iPod, MP3 or other portable music player through the convenient front mini-jack input with included 4' patch cord
- 12 volt DC system - no batteries to recharge or replace
- Simple two-wire system allows for easy hook up and prevents battery drain when vehicle is not in use (all necessary parts included)
- Completely waterproof - built to withstand any environment
- Seven-channel NOAA weatherband tuner
- Weather Alert automatically switches to WB mode when NOAA warning broadcast is received
- Listen to music through any stereo headphones with 3.5mm jack or through the built-in 15 watt stereo amplifier
- Works with most factory installed speaker/antenna systems or our JENSEN speakers, headphones and antennas (sold separately)
- Backlit controls with selectable amber or green illumination color
- 30 programmable station presets (18FM/12AM)
- Built-in job site work timer
- Electronic seek up/down/volume/bass/treble/balance
- 12/24 hour clock
- Dimensions: 5.2"W x 3.4"H x 1.9"D



Plays through Headphones or Speakers!



Seven-channel NOAA weatherband tuner with "Weather Alert" feature, which audibly alerts users and automatically switches the stereo to the appropriate NOAA weather channel when inclement weather is on the horizon.

ZAEJHD910BTKHD – JENSEN Bluetooth®-enabled MINI Radio and Wireless Headphone Kit



ZAEJXHDBT1HD – JENSEN Bluetooth Wireless Headphones

FEATURES:

- Bluetooth streaming audio (A2DP)
- Hands-Free Protocol (HFP)
- Range up to 32 feet
- Reduces outside noise
- Built-in microphone
- Rechargeable batteries and charger included
- Multi-link simultaneously pairs two Bluetooth-enabled devices
- Adjustable padded headband
- Up to 6 hrs talk time, 10 hrs music playtime, 20 hrs standby time
- Auto shut-off

ZAEJHD910BTHD – JENSEN Heavy Duty MINI Waterproof AM/FM/WB Radio with Bluetooth

Same features as the ZAEJHD910HD plus:

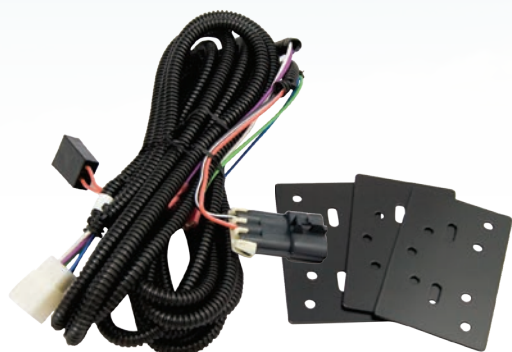
- Listen to music through Bluetooth enabled stereo headphones or the built-in 15 watt stereo amplifier
- Works with JENSEN ZAEJXHDBT1HD Bluetooth headphones, as well as most Bluetooth streaming audio (A2DP) headphones
- AUX-in on both the front panel and off the back of the radio for a more permanent installation

NOTE: These products are covered under a 2-year Heavy Duty warranty.

ZAEJHD910PKGHD - JENSEN Heavy Duty Audio Package

INCLUDES:

- MINI Waterproof Radio (ZAEJHD910HD)
- 6" side mount rubber mast antenna (ZAEJAN139HD)
- 3.5" MINI waterproof surface mount speakers (ZAEJXHD35HD)



ZAEJHD910SXSHD – JENSEN Universal Side-X-Side Mounting Kit

FEATURES:

- Includes three backing plates (radio and speakers), two speaker wiring harness, mounting hardware and instructions
- Ideal for all side-x-side utility vehicles
- Bracket mounts the ZAEJHD910HD radio, ZAEJXHD35HD or ZAE30HDSHD speakers (each sold separately)



ZAEJHD910KITHD – JENSEN Universal Mounting Kit for ZAEJHD910HD MINI Radio & Accessories

FEATURES:

- Includes backing plate and mounting bracket, two speaker wiring harness, hardware and instructions
- Ideal for skid steers and all open station equipment without a ROPS bar
- Bracket mounts the ZAEJHD910HD radio & ZAEJXHD35HD speakers (each sold separately)



ZAEJHD910ROPSHD – JENSEN Universal Roll Bar Mounting Kit for ZAEJHD910HD MINI Radio & Accessories

FEATURES:

- Includes clamp-on brackets that attach to ROPS Bar (no drilling), two speaker wiring harness, mounting hardware and instructions
- Ideal for any equipment with ROPS bar such as open station tractors, zero turn mowers and some construction equipment
- Bracket mounts the ZAEJHD910HD radio, ZAEJXHD35HD speakers, ZAE1181039HD or ZAEJAN139HD antenna (each sold separately)
- Matching bracket mounts second speaker on opposite side

NOTE: These products are covered under a 2-year Heavy Duty warranty.



ZAEJXHD35HD – JENSEN Heavy Duty 3.5" MINI Waterproof Surface Mount Speakers

FEATURES:

- Max Power Handling: 30 watts
- Waterproof for exposed outdoor mounting
- Mounting Hole Diameter: 3.75"
- Mounting Depth: 1.625"
- Can be surface or flush mounted, or mounted using included adjustable "U" bracket
- Ideally paired to the ZAEJHD910HD MINI waterproof radio
- Includes wiring and hardware
- Sold as pair



ZAE1000HDSHD – JENSEN Heavy Duty 5" Deluxe Speakers

FEATURES:

- Fully weatherproof and designed for outside use
- Max Power Handling: 60 watts
- Grille Diameter: 5"
- Mounting Hole Diameter: 3.75"
- Mounting Depth: 1.25"
- Includes wiring and hardware
- Sold as pair



ZAE30HDSHD – JENSEN Heavy Duty Dual Cone Surface Mount Speakers

FEATURES:

- Fully weatherproof and designed for outside use
- Max Power Handling: 60 watts
- Grille Diameter: N/A
- Mounting Hole Diameter: Surface or flush mount
- Mounting Depth: Surface or flush mount
- Grilles detach from molded ABS enclosures for flush mounting
- Includes wiring and hardware
- Sold as pair

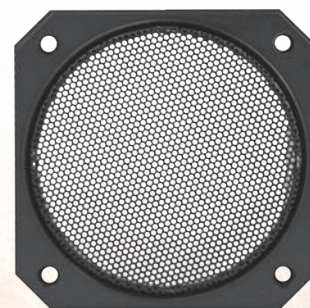


ZAE1103050HD

JENSEN 4" Heavy Duty Dual Cone Entry Level Speaker

FEATURES:

- Fully weatherproof and designed for outside use
- Max Power Handling: 30 watts
- Grille Diameter: 4"
- Mounting Hole Diameter: 3.75"
- Mounting Depth: 1.75"
- Speaker grille NOT included
- Sold Individually



ZAE1022097HD – JENSEN Speaker Grille

FEATURES:

- Grille for ZAE1103050HD speaker
- ABS metal mesh
- Sold Individually

NOTE: These products are covered under a 2-year Heavy Duty warranty.



Premium Sound for Enclosed Cabs!

ZAEJXHD40HD – JENSEN Heavy Duty 4\"

FEATURES:

- Bridge mounted tweeter
- Fully waterproof for exposed outdoor mounting
- Max Power Handling: 120 watts
- Grille Diameter: 5"
- Mounting Hole Diameter: 3.75"
- Mounting Depth: 1.625"
- Sold Individually



Premium Sound for Enclosed Cabs!

ZAEJXHD54HD – JENSEN Heavy Duty 5.25\"

FEATURES:

- Bridge mounted tweeter
- Fully waterproof for exposed outdoor mounting
- Max Power Handling: 135 watts
- Grille Diameter: 5.5"
- Mounting Hole Diameter: 5"
- Mounting Depth: 2.125"
- Sold Individually



ZAENHLBKITHD – JENSEN Loader Backhoe Speaker Kit

INCLUDES: Two (2) ZAEJXHD40HD JENSEN Heavy Duty 4\"

Premium Sound for Enclosed Cabs!

ZAEJXA8BA2HD – JENSEN 8\"

FEATURES:

- Max Power Handling: 150 watts (75 watts RMS)
- 12 volt DC power
- Ported enclosure design for enhanced low frequency output
- Mate-in-Lock connectors for easy installation
- Right angle mounting brackets included
- Adjustable gain and crossover
- High and low line-level inputs
- Voice coil impedance: 4 ohms
- Voice coil size: 38.6mm
- Magnet size: 120 x 20mm
- Frequency response: 53Hz to 600Hz
- Dimensions: 19.6\"



ZAEJMPSW800

JENSEN 8\"

FEATURES:

- Max Power Handling: 200 watts
- 12 volt DC power
- Built-in amplification
- Black anodized, all-aluminum enclosure
- Mate-in-lock connectors for easy installation
- Adjustable gain and crossover
- Low line-level inputs
- Frequency: 60Hz - 200Hz
- Vertical and horizontal mounting provisions

NOTE: These products are covered under a 2-year Heavy Duty warranty.



ZAEREF12V – Advent 12 Volt Mini Fridge/Warmer

FEATURES:

- Thermoelectric cooler/heater
- Max cooling temperature down to 40°F in 30 minutes
- Max warming temperature up to 140°F in 60 minutes
- LED indicator light - red for warming, blue for cooling
- 7.1 liter capacity
- Shoulder strap for easy portability
- 12 foot cigarette lighter adapter cable for DC power
- Keeps drinks cold and sandwiches dry
- Increased internal height to accommodate taller 20 ounce bottles; holds up to six-16.9 oz. bottles, four-20 oz. bottles or eleven-12 oz. cans
- Lid contains built-in tray
- Exterior dimensions: 6.9"W x 11.9"H x 13"D
- Interior dimensions: 5.9"W x 9.1"H x 8.5"D
- Weight: 6.5 lbs.



NOTE: This product is covered under a 1-year Heavy Duty warranty.



Buy this JENSEN Heavy Duty Audio Display and get a ZAEJHD910HD radio and ZAEJHD3630BTHD stereo *FREE!*

ZAEDSPJHD3630HD JENSEN Heavy Duty Audio Display

FEATURES:

- Made of heavy-duty black anodized metal
- Either the radio or stereo can play through speakers
- Graphic listing 'Key Features' of all items being displayed

DISPLAY INCLUDES:

- ZAEJHD910HD MINI Heavy Duty Radio
- ZAEJHD3630BTHD Heavy Duty Stereo
- ZAEJXD35HD Weatherproof Speakers
- ZAE1181039HD 4" Heavy Duty Rubber Mast Antenna
- ZAEJAN139HD 6" Heavy Duty Rubber Mast Antenna
- One FREE ZAEJHD910HD
- One FREE ZAEJHD3630BTHD



ZAE31100101HD

FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a newer model JENSEN Heavy Duty radio.*

NOTE: This adaptor is included with every current JENSEN Heavy Duty radio.*



ZAE1129060HD

FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a 2009 or older JENSEN Heavy Duty radio.



ZAE1129060NHD

FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a ZAEJHD1510 or ZAEJHD3510 Heavy Duty Radio.

NOTE: This adaptor is included with every ZAEJHD1510 & ZAEJHD3510 Heavy Duty radio.



ZAE31100103HD

FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Packard 6-pin connector, when installing a newer model JENSEN Heavy Duty radio.*



ZAE1121541HD

FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Packard 6-pin connector, when installing a 2009 or older JENSEN Heavy Duty radio.



ZAE31100104HD

FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Yazaki 13-pin connector, when installing a newer model JENSEN Heavy Duty radio.*



ZAE1121875HD

FOR USE ON: Most older production Case IH and CE and New Holland AG and CE equipment with a Yazaki 13-pin connector, when installing a 2009 or older JENSEN Heavy Duty radio.



ZAE31100107HD

FOR USE ON: Case Crawlers (650L, 750L, 850L, 1150L 1650L) with a 14-pin Molex connector, when installing a newer model JENSEN Heavy Duty radio.*



ZAE31100056HD

FOR USE ON: Current production Case IH and CE and New Holland AG and CE equipment when installing a ZAEJMD200 Medium Duty radio.

NOTE: This adaptor is included with every ZAEJMD200 Medium Duty radio.



ZAE31100100HD

FOR USE ON: Any other equipment, when installing a newer model JENSEN Heavy Duty radio.* This harness has blunt cut wires that can be used to hard wire (splice) to any existing wiring.



ZAE31100102HD

FOR USE ON: Most current Kubota and Bobcat equipment with 9-pin/4-pin Cadillac Hoffman connectors, when installing a newer model JENSEN Heavy Duty radio.* This is the connector that was used on the ZAEJHD1510 and ZAEJHD3510 radios.



ZAE31100108HD

FOR USE ON: Most Caterpillar equipment with 8-pin Deutsch connectors when installing a newer model JENSEN Heavy Duty radio.*



ZAE31100114

Replacement harness for the JENSEN ZAEJCD2010 radio ONLY.

*ZAEJHD1120HD, ZAEJHD1620HD, ZAEJHD3620HD, ZAEJHD1130HD, ZAEJHD1630HD, ZAEJHD3630BTHD

NOTE: These products are covered under a 2-year Heavy Duty warranty.

Stereo Harness Compatibility for: ZAEJHD1130HD, ZAEJHD1630HD, ZAEJHD1635BTHD, ZAEJHD3630BTHD

Harness Part#	Fits Most	Pin Out
ZAE31100101HD	Current Case, Case IH, McCormick and JCB	
ZAE31100103HD	Older Case and New Holland Machines	6-pin Packard
ZAE31100104HD	Older Case, Case IH and New Holland Machines	13-pin Yazaki
ZAE31100100HD	Anything	Blunt cut wires
ZAE31100102HD	Kubota, Bobcat	9-pin/4-pin Hoffman
ZAE31100107HD	Current Case and New Holland Crawlers	14-pin Molex

NOTE: If ordering packs of 10, we recommend you order a selection of harnesses that best meets your replacement trend.

Replacement Part Number Cross Reference

Old CNH Model#	Direct Replacement	Similar Replacement
9624714DS	ZAEJHD1130HD	ZAEJHD1630HD
9624716DS	NONE	NONE
9624715DS	NONE	NONE
NONE	ZAEJHD1130HD	ZAEJHD1630HD
ZAEBR100	NONE	NONE
ZAEBR202	NONE	ZAEJHD3630BTHD
ZAENGBC02	ZAEJHD1130HD	ZAEJHD1630HD
ZAENGBC02WC	NONE	NONE
ZAEJHD1000	ZAEJHD1130HD	ZAEJHD1630HD
ZAEJHD2000	NONE	NONE
ZAEJHD3000	ZAEJHD3630BTHD	NONE
ZAEJMD200	NONE	ZAEJHD1130HD
ZAEJHD1510	ZAEJHD1630HD	ZAEJHD1130HD
ZAEJHD3510	ZAEJHD3630BTHD	NONE
Fender Mount Radios		
9624520FDS	ZAETRA4500HD	NONE
9873598DS	NONE	ZAETRA4500HD
9624523DS	NONE	ZAEJHD910HD
ZAETRA4300HD	ZAETRA4500HD	NONE
Roof Mount Radios		
ZAE50CE	NONE	NONE
9624943DS	NONE	NONE
ZAE202CE	ZAEUTCJHD1130HD	NONE
9624943DS	NONE	NONE
ZAENGBCRM	NONE	NONE
9624788DS	NONE	ZAEJHD910HD
9624789DS	NONE	ZAEJHD910HD+ZAE241210AHD

NOTE: These products are covered under a 2-year Heavy Duty warranty.

Voyager®

HEAVY DUTY OBSERVATION SYSTEMS

1-Camera



ZAEVOSHDC11BHD – Voyager Heavy Duty Single-Camera Observation System

INCLUDES:

- ZAEVOM74WPHD
- ZAECEC25HD (2)
- ZAEVCMS155BHD
- ZAEVOSHDC4MNTHD

ZAEVOM74WPHD

Voyager 7" Multi-View LCD Monitor
with Four Camera Inputs

FEATURES:

- Waterproof (IPX5) and dust proof
- Four camera inputs and six triggers
- Single image, split-screen, or QuadView display modes
- Turn-signal (pulsed DC) compatible trigger inputs
- 24 or 12 volt operation
- Built-in speaker
- Included in ZAEVOSHDC11BHD and ZAEVOSHDC21BHD systems
- Dimensions: 7.75"W x 5.25"H x 1.125"D

ZAEVCMS155BHD

Voyager CMOS Color Camera

FEATURES:

- 12 volt DC
- Waterproof (IPX7)
- Viewing angle: 155°
- IR LED assisted illumination (0 Lux with IR LED on)
- Built-in microphone
- Normal/Mirror image switch
- Electronic iris
- Dimensions: 2.7"W x 1.7"H x .5"D

2-Camera



ZAEVOSHDC21BHD – Voyager Heavy Duty Two-Camera Observation System

INCLUDES:

- ZAEVOM74WPHD
- ZAECEC25HD (3)
- ZAEVCMS155BHD (2)
- ZAEVOSHDC4MNTHD

ZAECEC25HD

25' Camera Extension Cable

FEATURES:

- Locking connectors
- Fully weatherproof connectors on both ends allows multiple "daisy chain" connections up to 200' max.
- Impervious to chemicals, oils, gasoline, salt, etc.

ZAEVOSHDC4MNTHD

4" Universal Pedestal Monitor Mount

FEATURES:

- Solid cast/machined aluminum pedestal
- Adjustable thumbscrew knuckle at midpoint
- Universal four-hole mounting pattern compatible with all Voyager monitors
- Matte black finish

Monitors, cameras, cables and pedestal mounts also sold separately.

NOTE: These products are covered under a 2-year Heavy Duty warranty.

Build your own Observation System!

You will need to...

1. Select a monitor.

2. Select camera type and quantity.

3. Select cable quantity and specify lengths.



ZAEVOM74WPHD – Voyager 7" Multi-View LCD Monitor with Four Camera Inputs

FEATURES:

- Waterproof (IPX5) and dust proof
- Four camera inputs and six triggers
- Single image, split-screen, or QuadView display modes
- Turn-signal (pulsed DC) compatible trigger inputs
- 24 or 12 volt operation
- Built-in speaker
- Included in ZAEVOSHDC11BHD and ZAEVOSHDC12BHD systems
- Dimensions: 7.75"W x 5.25"H x 1.125"D

All monitors come with a Heavy Duty LCD power harness, but will require a mount (ZAEVOSH4MNTHD) for installation.



ZAEVOM74TQ – Voyager 7" Multi-View Touchscreen LCD Monitor with Four Camera Inputs

FEATURES:

- Four camera inputs (A/V)
- Single image, split-screen, or QuadView display modes
- Manual (push button) or automatic (trigger) source selection
- NTSC and PAL video signal compatible
- Turn-signal (pulsed DC) compatible trigger inputs (AV2, AV3)
- On-Screen Display (OSD) for AV source, picture adjustment and volume level
- Energy-efficient, white LED illuminated controls
- Auto power on (standby)
- Day/Night brightness modes
- Integrated audio speaker
- Non-volatile memory for picture & volume adjustment settings
- Sun-visor included
- Dimensions: 7"W x 4.75"H x 1"D



ZAECEC25HD - 25'
ZAECEC34HD - 34'
ZAECEC50HD - 50'
ZAECEC75HD - 75'

Camera Extension Cables

- Locking, weatherproof connectors allow for multiple "daisy chain" connections up to 200'
- Impervious to chemicals/oils/gasoline/salt

ZAEVOSCCAM

Camera Adapter Cable

- Allows you to plug Voyager cameras into CabCam monitors
- Can also be used with ZAEWVRXCAMTC



ZAE31400015 - One-Camera Adapter

- Camera adapter cable for Ag Leader Integra Monitor

ZAE31400014 - Four-Camera Adapter

- Four camera adapter cable for Ag Leader Integra Monitor

ZAE31200043 – Camera Adapter Cable

- For use with AFS PRO700, AFS PRO300, Intelliview™ III and IV monitors

ZAEVOSRAVEN – Camera Adapter Cable

- For use with Raven Viper monitor

ZAE31100083HD - Camera Adapter Cable

- Camera adapter cable for FM1000 and FM750 monitor
- Works with any Voyager camera

NOTE: Do not use with ZAEVCMS36i or ZAEVCMS10B cameras if reverse image is required.



NOTE: These products are covered under a 2-year Heavy Duty warranty.

NEW
PRODUCT**ZAEVCMS155BHD**Voyager Rear Color Camera**FEATURES:**

- 12 volt DC
- Waterproof (IPX7)
- Viewing angle: 155°
- IR LED assisted illumination (0 Lux with IR LED on)
- Built-in microphone
- Normal/Mirror image switch
- Electronic iris
- Dimensions: 2.7"W x 1.7"H x .5"D

1-Year
Warranty**ZAEVCMS10B**Voyager Rear Color Camera**FEATURES:**

- 12 volt DC
- High-performance CMOS sensor
- Waterproof (IPX7)
- Viewing angle: 117°
- NTSC video output signal format
- Excellent bright daylight performance
- Low-light assist with IR LEDs (0 Lux with IR LED on)
- Mirror (reversed) image orientation
- Dimensions: 3.4"W x 1.7"H x 1.7"D

1-Year
Warranty**ZAEVCMS50i**Voyager Rear Color Camera**FEATURES:**

- High-performance CMOS sensor
- Waterproof (IP69K)
- Viewing angles: 150°/120°/90°
- Low-light assist with IR LEDs
- Microphone
- Corrosion resistant (ASTM B117)
- FCC, E9 certified
- Compact size, just 1"W x 1"H x 1.3"D (w/out bracket)

ZAEVCMSYL50iHDVoyager CMOS Cylinder Color Camera**FEATURES:**

- High-performance color optics
- Waterproof (IP69K)
- Aluminum housing
- Compact size
- Low-light assist with IR LEDs
- CMOS technology
- Corrosion resistant (ASTM B117)
- Recommended hole size is 1.0625"

**ZAEBARPHONEMNT**
Universal Smartphone Mount**FEATURES:**

- Solid cast/machined aluminum
- Adjustable thumbscrew knuckle tightens the completely adjustable ball joint into place
- Matte black finish

**ZAEBARTABLETMNT**Universal Tablet Mount**FEATURES:**

- Solid cast/machined aluminum
- Adjustable thumbscrew knuckle tightens the completely adjustable ball joint into place
- Matte black finish

**ZAEBARMNTHD**
Bar Monitor Mount**FEATURES:**

- Solid cast/machined aluminum
- Adjustable thumbscrew knuckle at midpoint
- Two completely adjustable ball joints; one for the bar and one for the back of the monitor. The adjustable bracket ties them both together
- Matte black finish

**ZAEVOSHD4MNTHD**
4" Universal Pedestal Monitor Mount**FEATURES:**

- Solid cast/machined aluminum
- Adjustable thumbscrew knuckle at midpoint
- Universal four-hole mounting pattern compatible with all Voyager monitors
- Matte black finish

**ZAEVOSIMKITHD**Three-Camera Disconnect System**FEATURES:**

- Designed to allow you to quickly and easily connect and disconnect up to three cameras from an implement to the monitor in a tractor cab
- ZAEVOSIMKITHD complete installation kit Includes: ZAEBIC12L3HD, ZAECEC25L3HD (2), ZAEUCMNTHD (2)
- NOTE: Use with ZAEBTC25L3HD or ZAEBTC12L3HD

INDIVIDUAL CABLES:

- ZAEBTC12L3HD – 12' Bulkhead Tractor Cable, 3-camera capable
- ZAEBTC25L3HD – 25' Bulkhead Tractor Cable, 3-camera capable
- ZAEBIC12L3HD – 12' Bulkhead Implement Cable, 3-camera capable
- ZAECEC25L3HD – 25' Camera Extension Cable, 3-camera capable
- ZAEUCMNTHD – Universal Camera Mount

**NOTE:** These Products are covered under a 2-Year Heavy Duty warranty except where noted.

Voyager®

TOUGHCAM™ OBSERVATION SYSTEMS

Avoid dangerous blind spots commonly encountered while out on the road or in the field with Voyager ToughCam Observation Systems.



1-Camera

ZAEVOS7MDCL1B – Voyager ToughCam Single-Camera Observation System includes:

- ZAEAOM713
- ZAECEC25HD
- ZAEVCMS50i
- ZAECEC75HD
- ZAEVOSHD4MNTHD

Monitors, cameras, cables and pedestal mounts also sold separately.



2-Camera

ZAEVOS7MDCL2B – Voyager ToughCam Two-Camera Observation System includes:

- ZAEAOM713
- ZAECEC25HD (2)
- ZAEVCMS50i (2)
- ZAECEC75HD
- ZAEVOSHD4MNTHD

ZAEAOM713 – Voyager 7" LCD Monitor

FEATURES:

- Anti-glare/anti-scratch protective lens
- Energy-efficient white LED backlight
- Can accept up to three camera inputs
- Integrated audio speaker
- NTSC and PAL video signal compatible
- Manual (push button) or automatic (trigger) source selection
- Auto power on (standby)
- Auto day/night brightness modes
- On-Screen Display (OSD) for AV source, picture and volume adjustment
- Non-volatile memory for picture and volume adjustment settings
- Removable sun-visor included
- Multiple mounting options (AMPS compatible)

ZAEVCMS50i – Voyager CMOS Color Camera

FEATURES:

- High-performance CMOS sensor
- Waterproof (IP69K)
- Viewing angles: 150°/120°/90°
- IR LED assisted illumination
- Microphone
- Compact size
- Corrosion resistant (ASTM B117)
- FCC, E9 certified
- Dimensions (without bracket): 1"W x 1"H x 1.32"D

ZAECEC25HD – 25' Camera Extension Cable

FEATURES:

- 25' cable can be daisy chained together
- Non-corrosive locking connectors with 4-pin round plug

ZAECEC75HD – 75' Camera Extension Cable

FEATURES:

- 75' cable can be daisy chained together
- Non-corrosive locking connectors with 4-pin round plug

ZAEVOSHD4MNTHD – 4" Universal Pedestal Monitor Mount

FEATURES:

- Adjustable thumbscrew knuckle at midpoint
- Universal four-hole mounting pattern mates with all Voyager LCD monitors
- Matte black finish

NOTE: These products are covered under a 1-year consumer warranty.

2-Camera



Designed specifically for seeder application

ZAEVOS7CL2BSED – Voyager ToughCam Seeder Observation System

- ZAEAOM713 monitor
- ZAEVCMS10B cameras (2)
- ZAEVOSHD4MNT monitor mount
- ZAECEC25 - 25' camera cables (2)
- ZAECEC50 - 50' camera cable

ZAEVCMS10B

Voyager Rear Color Camera

FEATURES: See page 15

Monitors, cameras, cables and pedestal mounts also sold separately.

FEATURING

QU4D VIEW



2-Camera



ZAEVOM74TQ – Voyager 7" Multi-View LCD Touchscreen Monitor with Four Camera Inputs

FEATURES: See page 16

ZAEVCMS50i – Voyager CMOS Color Camera

FEATURES: See previous page

ZAECEC25HD – 25' Camera Extension Cable

FEATURES: See previous page

ZAECEC75HD – 75' Camera Extension Cable

FEATURES: See previous page

ZAEVOSHD4MNTHD – 4" Universal Pedestal Monitor Mount

FEATURES: See previous page

Monitors, cameras, cables and pedestal mounts also sold separately.

ZAEVOS7MDCL2Q – Voyager ToughCam Two-Camera Observation System includes:

- ZAEVOM74TQ
- ZAEVCMS50i (2)
- ZAEVOSHD4MNTHD
- ZAECEC25HD
- ZAECEC75HD

ZAEVOSMAGMNT

Camera Magnet Mount

For use with ZAEVCMS10B, ZAEVCCMS10B (wireless) and ZAEVCCS155BHD cameras. Locking nut included for use with any camera mounting bracket, as well as a 3' pigtail to attach camera to power and ground.



NOTE: These products are covered under a 1-year consumer warranty.

Digital Wireless Observation Systems

FEATURING
Auto-Pairing



System includes:

- ZAEWVOM541AP monitor
- ZAEWVCMS130AP camera
- Camera mounting bracket
- Stainless steel hardware

USES UP TO 4 WIRELESS CAMERAS

WiSight technology digitally locks the ToughCam camera to the monitor. This blocks out any outside interference or noise common with analog wireless systems, producing a sharp, vivid picture.

ZAEWVOS541AP – Voyager ToughCam Digital Wireless Observation System with 5.6" monitor

FEATURES:

- 5.6" monitor comes with suction cup mount and 12 volt DC plug for easy portability
- Wireless back-up camera connects to running lights or other 12V power source
- Easy installation that fits most applications
- No cables or wiring necessary
- HD digital WiSight technology - signal transmits through and around objects up to 60 feet away
- Inputs for one wired and four wireless camera (ZAE31100131 harness required to add wired camera)



System includes:

- ZAEWVOM713AP monitor
- ZAEWVCMS130AP camera
- Camera mounting bracket
- Stainless steel hardware

ZAEWVOS7MDCL1B – Voyager ToughCam Digital Wireless Observation System with 7" monitor

FEATURES: Same as ZAEWVOS541AP with the exception of a larger 7" monitor and inputs for two wired cameras and one wireless camera (included)

ZAEWVCMS130AP – Voyager CMOS Wireless Back-up Camera

FEATURES:

- 12V DC power system
- High-performance CMOS sensor
- Waterproof (IPX7)
- NTSC video output signal format
- Sensitivity: 0 Lux (with IR LED ON)
- Viewing Angle: 117°
- Excellent low-light and daylight environment performance
- 14 IR LEDs for excellent night vision
- Dimensions: 3.4"W x 1.7"H x 1.7"D

NOTE: These products are covered under a 1-year consumer warranty.

Easily add a Voyager ToughCam wireless camera to your factory installed monitor using our Digital Wireless Receiver System. This system does require the use of a brand specific adapter harness to connect the receiver box to the factory installed monitor.

ZAEWVRXCAMTC – Voyager Digital Wireless Receiver System

FEATURES:

- Easy installation
- Camera connects to running lights of vehicle or other 12V power source
- Works with your factory installed monitor with adapter harness (sold separately)



FEATURING

QU4D VIEW



ZAEEVOS7MDCL1Q Voyager ToughCam Wireless Observation System

FEATURES:

- Can support up to four cameras
- 7" QuadView monitor can display up to four camera views simultaneously
- Camera connects to any 12 volt power source
- Signal transmits through and around objects up to 60 feet away

(Not intended for RV applications)

ZAEEVCMSSQ1B – Voyager ToughCam CMOS Wireless Camera

- Waterproof
- Only compatible with ZAEVOS7MDCL1Q system

System includes:

- 7" wireless monitor
- ZAEVCMSSQ1B camera
- 5dBi antennas (2)
- 9.5' extension cables (2)
- Mounting bracket

NOTE: These products are covered under a 1-year consumer warranty.



Available accessories:

- ZAEVB3MC – 3 M antenna cable w/ bracket
- ZAEVB9MC – 9 M antenna cable w/ bracket
- ZAEVB16MC – 16 M antenna cable w/ bracket
- ZAEVB7DBAWC – 7 dBi antenna w/ 9 M cable and bracket
- ZAEPBV5VPA – 5 volt power adapter for camera or monitor
- ZAEPBV5DBA – 5 dBi antenna

ZAEBARNVIEW1 – Voyager ToughCam Surveillance System

FEATURES:

- 7" QuadView touchscreen LCD monitor with CMOS
- Wireless, CMOS surveillance camera is waterproof and includes microphone (ZAEBARNVIEWCAM)
- Can support up to four cameras
- Email alert available with motion detection turned on
- Built-in DVR (SD card not included)
- View live images from phone or tablet
- Excellent night vision up to 26 feet
- Internet connection via monitor cradle
- Compatible with iPhone/iPad/iPod touch and Android powered smartphones and tablets (use the free OMGuard app)
- Monitor has a two-hour rechargeable battery for portable use

ZAEBARNVIEWCAM

Only compatible with ZAEBARNVIEW1 system

FEATURING

**QU4D
VIEW****Voyager[®]
Severe Duty****System includes:**

- Monitor
- ZAEVCCS150BSD camera
- ZAECEC25SD 25' camera cable
- Monitor mount
- Camera mounting bracket
- Stainless steel hardware

Also available:

- ZAECEC75SD 75' camera cable
- ZAEVOMSD6EXT monitor extension cable

Additional cameras, cables and mounts available for purchase.

ZAEVOS7CL1BSD – Voyager Severe Duty Observation System**FEATURES:**

- Designed and engineered specifically for mining and construction industries
- Can use up to four cameras for maximum coverage
- Shielded, heavy-duty camera cables

Voyager Severe Duty Monitor**FEATURES:**

- Water-resistant (IP69K)
- Single image, split-screen, triple image, picture-in-picture, or QuadView display modes
- Capacitive touch key
- Durable, aluminum housing
- Auto NTSC/PAL detection
- Auto DAY/NIGHT detection
- Distance Marker setting available

ZAEVCCS150BSD**Voyager Severe Duty Camera****FEATURES:**

- Waterproof (IP69K)
- 12 volt DC power
- Viewing angle: 150°
- Shielded cable and connector
- 10 IR LEDs for excellent night vision (0 Lux with IR LEDs on)
- Built-in microphone
- Normal/Mirror image switch
- Electronic iris
- 2.7"W x 1.7"H x 2.5"D

NOTE: These products are covered under a 1-year consumer warranty.

OBSERVATION SYSTEM DISPLAY

For the cost of four 2-Camera ToughCam Systems, get three 2-Camera Systems and one fully functional ToughCam Countertop Display. **Sell the three systems and your display is paid for with the profits!**

ZAETCDISPLAYPKG – Voyager ToughCam Countertop Display

FEATURES:

- Durable monitor and camera, built for the agriculture and light construction industries
- Excellent night vision
- Available in a one or two camera package
- A third camera can be added for maximum coverage

INCLUDES:

- ZAEAOM713 – 7" LCD observation monitor
- ZAEVCM50i – Super CMOS color observation camera
- Card reader plays observation camera footage video



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