Built Tough for the Most Rugged Environments

Just as you do with any other part or component, you should consider the durability of a radio. A car radio isn’t going to be durable enough to withstand the vibrations and other extremes where you work. Instead, select one that is designed to take abuse.

Caterpillar offers a line of rugged radios and accessories that can withstand the toughest applications in machines, on-highway trucks, boats or private sector use. Cat® Radios and Accessories also are designed to withstand both hot and cold temperature extremes.

You can choose from five models, from a basic AM/FM receiver to premium radio that includes Satellite, Bluetooth, MP3, USB, auxiliary port, and more. All models include the following specifications:

• Exceed shock and vibration standard SAE J1455
• Withstand temperatures from –40° to 185° F (–40° to 85° C)
• Weather band
• Worldwide frequency compatible tuner
Caterpillar offers five models, beginning with the basic AM/FM receiver.

**Features:**
- Total Power (RMS) 72 (18x4)
- LED lighted display
- Quartz clock
- 6 AM and 18 FM presets
- Auto preset memory with preset scan
- Scan
- Seek Up/Down
- Worldwide frequency compatible tuner
- Weather band
- Front auxiliary input (MP3 Player or I-Pod)

**AM/FM Receiver**
Part Number 331-5292

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This model has the following radio and CD features:
- Displays elapsed time and track
- Next/previous track
- Fast forward/reverse
- Anti-shock floating mechanism
- Track, scan, search and repeat
- Auto-loading mechanism
- Front auxiliary input (MP3 Player or I-Pod)

**AM/FM Receiver with CD**
Part Number 331-5291

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This model has the following radio and CD features:
- Total Power (RMS) 68 (17x4)
- MP3 playback (USB and Auxiliary port only)
- LED backlighting
- 6 AM presets and 12 FM presets
- Auto-store memory
- Seek/scan tuning
- Preset scan
- Alarm clock
- Worldwide frequency compatible tuner
- Weather band
- Anti-shock floating mechanism
- Track, scan, search and repeat
- Track pause
- Random track play
- Fast forward/reverse
- Next/previous track
- Ignition off load and eject
- USB port faceplate
- id3 Tag
- Front and rear Auxiliary input

**Deluxe AM/FM Receiver with CD**
Part Number 377-7215

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In addition to the integrated XM satellite radio, this model also has the following features:
- Total Power (RMS) 68 (17x4)
- MP3 playback (USB and Auxiliary port only)
- LED backlighting
- 6 AM presets and 18 FM presets
- Auto-store memory
- Seek/scan tuning
- Preset scan
- Alarm clock
- Worldwide frequency compatible tuner
- Weather band
- Anti-shock floating mechanism
- Track, scan, search and repeat
- Track pause
- Random track play
- Fast forward/reverse
- Next/previous track
- Ignition off load and eject
- XM or Sirius
- Bluetooth

**Deluxe AM/FM Receiver with CD, Satellite Radio, and Bluetooth**
366-8411 (Sirius) & 366-8412 (XM)

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In addition to the integrated Sirius satellite radio, this model also has the following features:
- Total Power (RMS) 68 (17x4)
- MP3 playback (USB, Auxiliary port and CD)
- LED backlighting
- 6 AM presets and 12 FM presets
- Auto-store memory
- Seek/scan tuning
- Preset scan
- Alarm clock
- Worldwide frequency compatible tuner
- Weather band
- Anti-shock floating mechanism
- Track, scan, search and repeat
- Track pause
- Random track play
- Fast forward/reverse
- Next/previous track
- Ignition off load and eject
- XM or Sirius
- Bluetooth
### Installation Kits

**Cat Radios and Accessories**

**Part Number 138-3643**

**Mounting Kit – Cat radio ready machines**

Cat Radio ready machines come with speakers, antenna, radio mounting, harness connector and 24 volt to 12 volt connector. The following parts are needed to complete the install:

- 200-5728 harness
- 4E1411 bushing 0.79 in (20 mm) or 241-4939 bushing 1.1 in (28 mm)

**Mounting Kit – Non-radio ready Cat and competitive machines**

- Kit consist:
  - One mounting shell 106-8142
  - One harness 200-5728
  - One bracket 275-2138
  - One rubber bushing 4E-1411
  - One antenna 8E-1118
  - Four screws 100-2881
  - One coax cable 1525 mm
  - Four washers 6V-7699
  - Four lock washers 3B-4503
  - Four cable straps 3S-2093
  - Two speakers 106-8154
  - One machine screw 4M-8478
  - One 2H-7152 nut

### Adapter Harnesses

**Part Number 200-5728 & 106-8153**

**Radio ready Cat machines**

- This harness adapts the radio to the harness in Cat Radio-ready machines.

**Non-radio ready machine – Cat or competitor**

- Plugs into the Deutsch connector end of the 200-5728 harness. This is a Deutsch connector to wire harness that can be used in wiring in a Cat radio into a non-radio ready Cat or competitive machine.

### Antennas

**Flexible Part Number 8E-1118**

- Flexible rubber mast
  - Antenna mast length is 355 mm (14 inches) with 1/2-20 connector. Antenna can be adjusted from 0 to 90 degrees in mounting base.

**Sealed Part Number 374-0752**

**Wire Whip Part Number 9W-3072**

- Wire whip with spring
  - Antenna mast length is 668 mm (26 inches) with 1/2-20 connector. Antenna can be adjusted from 0 to 90 degrees in mounting base.

**Satellite Part Number 284-9055**

- Mirror Mount
  - Needed with 284-8954 XM or 284-8955 SIRIUS radios
- Rooftop Mount
  - Needed with 284-8954 XM or 284-8955 SIRIUS radios

### Converters

**Part Number 340-7160**

- 5 amp continuous
  - Used to reduce machine 24 volts to 12 volts. When the radio is wired to one (of the two batteries in series) the battery never gets a full charge, which can result in premature battery failure.

**Part Number 340-7161**

- 10 amp continuous
  - Used to reduce machine 24 volts to 12 volts. When the radio is wired to one (of the two batteries in series) the battery never gets a full charge, which can result in premature battery failure.

**Part Number 239-3902**

- 15 amp continuous/20 amp intermittent
  - Used to reduce machine 24 volts to 12 volts. When the radio is wired to one (of the two batteries in series) the battery never gets a full charge, which can result in premature battery failure.
Coax Cable

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radio connector to antenna connector</td>
<td></td>
</tr>
<tr>
<td>• Cable length is 1000 mm (39.4 inches) with 1/2-20 connector.</td>
<td>101-2640</td>
</tr>
<tr>
<td>• Cable length is 1200 mm (47.3 inches) with 1/2-20 connector.</td>
<td>109-9881</td>
</tr>
<tr>
<td>• Cable length is 1525 mm (60 inches) with 1/2-20 connector.</td>
<td>8R-6111</td>
</tr>
<tr>
<td>• Cable length is 1800 mm (71 inches) with 1/2-20 connector.</td>
<td>199-3387</td>
</tr>
<tr>
<td>• Cable length is 2670 mm (105 inches) with 1/2-20 connector.</td>
<td>9WV-3073</td>
</tr>
<tr>
<td>• Cable length is 3500 mm (138 inches) with 1/2-20 connector.</td>
<td>162-7264</td>
</tr>
<tr>
<td>• Cable length is 4080 mm (160.6 inches) with 1/2-20 connector.</td>
<td>117-2932</td>
</tr>
<tr>
<td>• Cable length is 4280 mm (168.5 inches) with 1/2-20 connector.</td>
<td>110-6391</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Radio connector to 90 degree antenna connector</td>
<td></td>
</tr>
<tr>
<td>• Cable length is 500 mm (19.7 inches) with 1/2-20 connector.</td>
<td>9U-8746</td>
</tr>
<tr>
<td>• Cable length is 650 mm (25.6 inches) with 1/2-20 connector.</td>
<td>146-3722</td>
</tr>
</tbody>
</table>

Speakers – Round

Part Number 174-3722

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.25 inch (133 mm) coaxial</td>
<td></td>
</tr>
<tr>
<td>• Mounting: Recessed opening</td>
<td></td>
</tr>
<tr>
<td>• Impedance: 4 Ohms</td>
<td></td>
</tr>
<tr>
<td>• Power: 80 Watts</td>
<td></td>
</tr>
<tr>
<td>• Frequency response: 40 Hz to 22 kHz</td>
<td></td>
</tr>
<tr>
<td>• Speaker cover included</td>
<td></td>
</tr>
</tbody>
</table>

Speakers – Rectangular

Part Number 106-8154

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.325 inch (186/218 mm) two speaker</td>
<td></td>
</tr>
<tr>
<td>with internal crossover</td>
<td></td>
</tr>
<tr>
<td>• Impedance: 6 Ohms</td>
<td></td>
</tr>
<tr>
<td>• Power: 75 Watts</td>
<td></td>
</tr>
<tr>
<td>• Frequency response: 90 Hz to 20 kHz</td>
<td></td>
</tr>
</tbody>
</table>

Radio Sleeve

Part Number 192-7054

• Sleeve is used to hold radio into dash

Bluetooth Accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bluetooth Microphone</td>
<td>349-8642</td>
</tr>
<tr>
<td>Bluetooth Harness</td>
<td>353-1634</td>
</tr>
<tr>
<td>Auxiliary port</td>
<td>344-5594</td>
</tr>
</tbody>
</table>

**CAT DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.**

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts keeps your entire fleet up and running to maximize your equipment investment.