



# BOOM MOUNTED RECEIVER APACHE BULLSEYE



## Apache Bullseye 3+

360° BOOM MOUNTED LASER RECEIVER

The **Apache Bullseye 3+** is a heavy duty 360° laser receiver, designed for use with a wide range of **earthmoving equipment** such as **excavators, backhoe, trenchers** and **dozers**. It is used to check levels and digging heights/depths without having to get out of the cab of the machine.

The Bullseye 3+ will detect/pick up the rotating beam of a laser level, which is mounted on a tripod away from the machine. The super bright LED lights, which can be seen from inside the cab, indicate above, level and below grade. There are 2 brightness modes and 3 selectable accuracy modes to let the operator work from rough grading & cutting to final finishing pre work.

The Bullseye 3+ features built-in clamps which attach to round or square tubes between 38 -50mm diameter.

An **optional** MM2 heavy duty magnetic mount with a 42mm diameter pole, allows the user to change the Bullseye 3+ between different earthmoving equipment. The Bullseye 3+ can be used with the Apache CB24+ automatic control box for single receiver bang-bang machine control (see page 36).

### RECEIVER SPECIFICATIONS

- Reception angle:** 360°
- Detection distance:** Typically 460 metres
- Vertical detection:** 170mm
- Accuracy:** Fine +/- 5mm, Standard +/- 12mm, Coarse +/- 32mm
- Auto Shut-off:** Yes, after 75 mins
- Plumb indicator:** No
- Blade tilt indicator:** No
- Excavation offset:** Yes
- Power supply:** 4 x 'C' Size alkaline batteries
- Battery life:** Up to 75 hours
- Waterproof rating:** IP67 water & dust proof



## Apache Bullseye 5+

360° BOOM MOUNTED LASER RECEIVER WITH PLUMB & BLADE INDICATION

The **Apache Bullseye 5+** is a heavy duty 360° laser receiver with a built-in plumb and blade tilt indicator. It designed for use with a wide range of **earthmoving equipment**.

The **"Excavating Dig Mode"** feature of the Bullseye 5+ allows the operator to move the "on-level" position for a greater receiving range when digging down. The Bullseye 5+ will detect/pick up the rotating beam of a laser level, mounted on a tripod away from the machine. The super bright LED lights, which can be seen from inside the cab, indicate above, level and below grade. There are 2 brightness modes and 6 selectable accuracy modes to let the operator work from rough grading and cutting to final finishing pre work.

The Bullseye 5+ features built-in clamps, which attach to round or square tubes between 38 -50mm diameter. An **optional** MM2 heavy duty magnetic mount with a 42mm diameter pole, allows the user to change the Bullseye 5+ between different earthmoving equipment. Optional rechargeable battery kits and 12V/24V power options are available. The Bullseye 5+ can be used with the Apache CB26 and CB52 automatic control boxes for single or dual receiver proportional machine control (see page 36).

### RECEIVER SPECIFICATIONS

- Reception angle:** 360°
- Detection distance:** Typically 460 metres
- Vertical detection:** 170mm
- Accuracy Grading mode:**  
Fine +/- 5mm, Standard +/- 10mm, Coarse +/- 20mm
- Accuracy Excavating mode:**  
Fine +/- 12mm, Standard +/- 25mm, Coarse +/- 50mm
- Auto Shut-off:** Yes, after 75 mins
- Plumb indicator:** Yes. (between +/- 0.5° - 2.5°)
- Blade tilt indicator:** Yes
- Excavation offset:** Yes
- Power supply:** 4 x 'C' Size alkaline batteries
- Battery life:** Up to 60 hours
- Waterproof rating:** IP67 water & dust proof





ACE AUTOMATICALLY CALCULATES AND CORRECTS THE GRADE DISPLAY FOR THE ANGLE OF THE DIPPER ARM. THE 'ON GRADE' LEVEL CHANGES AS THE ARM IS EXTENDED OR RETRACTED UP TO 30 DEGREES.

## Apache Bullseye 6

360° BOOM MOUNTED LASER RECEIVER WITH ANGLE COMPENSATION

The **Apache Bullseye 6** is a specially designed 360° laser receiver with built-in angle compensation and a plumb indicator.

The Angle Compensation automatically calculates and corrects the grade display for the angle of the dipper arm. The user can check the grade with the dipper arm extended or retracted up to 30 degrees.

The **"Excavating Dig Mode"** feature of the Bullseye 6 allows the operator to move the "on-level" position for a greater receiving range when digging down. The Bullseye 6 will detect/pick up the rotating beam of a laser level, which is mounted on a tripod away from the machine. The super bright LED lights, which can be seen from inside the cab, indicate above, level and below grade. There are 3 brightness modes and 6 selectable accuracy modes (3 accuracy modes for grading, 3 for excavating) to let the operator work from rough grading & cutting to final finishing pre work.

The Bullseye 6 features built-in clamps, which attach to round or square tubes between 38 -50mm diameter.

An **optional** MM2 heavy duty magnetic mount with a 42mm diameter pole, allows the user to change the Bullseye 6 between different earthmoving equipment. Optional rechargeable battery kits and 12V/24V power options are available.

The Bullseye 6 can be used with the Apache CB26 and CB52 automatic control boxes for single or dual receiver proportional machine control (see page 36).



OPTIONAL  
REMOTE DISPLAY  
FOR THE APACHE  
BULLSEYE 3, 5, 6

### RECEIVER SPECIFICATIONS

**Reception angle:** 360°

**Detection distance:** Typically 460 metres

**Vertical detection:** 222mm

**Accuracy Grading mode:**

Fine +/- 10mm, Standard +/- 20mm, Coarse +/- 40mm

**Accuracy Excavating mode:**

Fine +/- 12mm, Standard +/- 25mm, Coarse +/- 50mm

**Auto Shut-off:** Yes, after 75 mins

**Plumb indicator:** Yes, +/- 2.5°

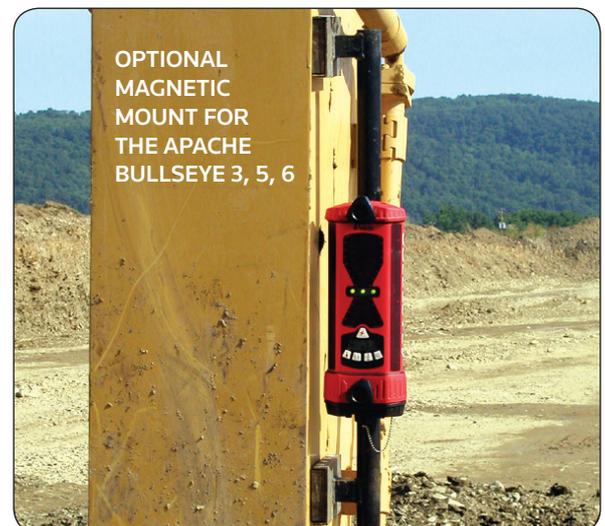
**Blade tilt indicator:** No

**Excavation offset:** Yes

**Power supply:** 4 x 'C' Size alkaline batteries

**Battery life:** Up to 75 hours

**Waterproof rating:** IP67 water & dust proof



OPTIONAL  
MAGNETIC  
MOUNT FOR  
THE APACHE  
BULLSEYE 3, 5, 6