

**NOTE:** Prior to use, the XO-1 Beltpacks and XO-AP Base Station need to have their battery packs fully charged. Refer to battery charge instructions on reverse side of this sheet.

## Pre Game

1. Place the XO-AP Base Station (XO-AP) in the press box.
2. Attach the two antenna cables from the antenna to the XO-AP. The cable marked, "Receive" connects to the receive jack on the XO-AP. The cable marked, "Transmit" connects to the transmit jack on the XO-AP.
3. Aim the directional panel antenna at the 50 yard line and the sideline where your coaches will be located. See Figure 2 for details.

**NOTE:** Make sure the antenna's path to the area of coverage has clear line-of-sight.

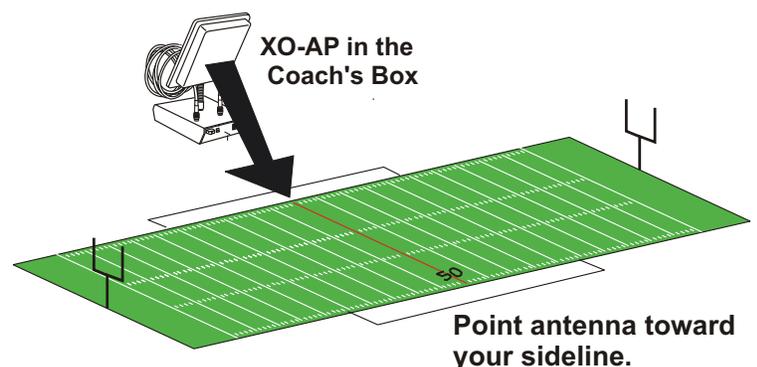
4. Plug the XO-AP's external power supply into an AC outlet if available. If external power is not available, then the XO-AP can run off internal battery (if already charged).
5. Turn on the XO-AP by pressing the power switch into the ON position. The power light on the front of the XO-AP will activate. This will indicate the unit has power, either from external AC power or internal DC battery power.
6. After 20 seconds, the channel indicator will illuminate and scroll through numbers 1-11. The XO-AP will automatically set to the clearest channel available. You can scan for another channel or manually select a channel by using one of the following procedures:
  - a. **Clear Scan** – Hold the select button until the decimal point starts to blink (about 3 seconds) then release. The XO-AP will scan all available channels and then set itself to the clearest channel available for use.
  - b. **Manual Set** – Press the button to select the XO-AP channel desired. Each press of the button will increment the channel by one. Once the desired channel is displayed the XO-AP will set to that channel.

**NOTE:** You may also Lock your channel by pressing and holding the select button for 10 seconds, until the decimal point is illuminated solid, then release the select button. To de-activate the Lock feature, repeat the procedure until the decimal point is not illuminated.

7. With the XO-AP running, turn on the XO-1 beltpacks one at a time. The beltpack's battery light will activate immediately, but the unit will require up to 20 seconds to complete start-up. After 20 seconds, one or both of the beltpack's audio channel lights will activate and communications will start.
8. Wear the beltpacks on the hip. Place them in a position that allows for greatest visibility to the XO-AP antenna in the press box.



**Figure 1**  
XO-AP and Panel Antenna



**Figure 2**  
XO-AP with Antenna Pointing Toward Near Sideline



Top View



Bottom View

Figure 3  
XO-1 Beltpack

### Halftime

1. Leave the XO-AP Base Station "On".
2. The XO-1 beltpacks may be turned off for halftime to conserve battery life, or left on.
3. If the XO-1 beltpacks are turned off at halftime, turn the beltpacks on, one at a time. Again, the beltpack's battery light will indicate immediately, but the unit will require up to 20 seconds to complete start-up. After 20 seconds, one or both of the beltpack's audio channel lights will activate and communications will start.

### Before Next Game

#### (Battery Charging Instructions)

1. Ensure the XO-1 beltpacks are in the "OFF" position.
2. Ensure the XO-AP base station is in the "OFF" position.
3. **XO-1 Beltpack:** Plug the XO-1 beltpack charger into the charge jack on the bottom of the beltpack. The LED on the bottom of the unit indicates the charge status.
  - RED = Charging
  - GREEN = Charging Done

After a game the XO-1 beltpacks will need to charge for at least 6-8 hours.

The beltpacks may be left on charge indefinitely.



Front View



Rear View

Figure 4  
XO-AP Base Station

- On a full charge, the XO-1 Beltpack will operate for up to 8 hours.
4. **XO-AP Base Station:** Plug the XO-AP battery charger into the battery charge jack on the rear of the unit. Then plug the charger into an AC outlet. The LED on the rear of the unit will indicate the following:

- RED = Charging
- GREEN = Charging Done

After a game the XO-AP will need to be charged for 10-14 hours.

The XO-AP may be left on charge indefinitely.

On a full charge, the XO-AP base station will operate for up to 10 hours.



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