

Step-by-Step Quick-Start Guide for the X4 Handheld X-ray



A Few things to be aware of before using your X4:

- Read the owner's manual before operating
- Abide by all state and local safety guidelines
- Never try to remove the 0.05 mm Pb equivalent lead/acrylic scatter shield, it is glued in place.
Do not use if scatter shield is cracked or damaged
- *Do Not Stand It Up Like A Drill. This is not a stable resting position and should be avoided.* Place the X4 in its cradle, or lay on its side between images. Additional cradles are available item# M01-105

1. Power On and Initial Setup

- **Power On:** Hold the power button for two seconds until the device beeps three times and powers up. It will start with the last selected setting. To unlock the X4, see section #4 below.

2. X4 Jog Dial Operation

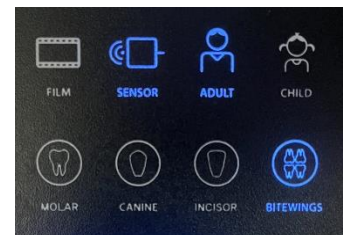
- The X4 Jog Dial has two modes of operation:
 - **Tap:** Lightly tap the Jog Dial to enter “change function” (one beep). After selecting an option, tap again to confirm (two beeps).
 - **Long Press:** Press and hold the Jog Dial for 1-2 seconds until a beep is heard.

3. Making Setting Changes*

*These are factory preset recommended settings only. These recommendations can always be changed by simply rotating the Jog Dial and selecting an exposure time more suited for your patient's body size, and the type, or brand of receptor.

Upper Row (Film/Sensor, Adult/Child):

- **Example:** To select **Sensor, Adult, and Bitewing:**
- From the default screen, tap the Jog Dial once, so the icon is blinking
 - Turn the dial to select Sensor, then **Tap** the dial (2 beeps)
 - Next, turn the dial again to select Adult, then **Tap** the dial (2 beeps).
 - Next, turn the dial again to select Bitewing (2 beeps).
- After selecting the third option, it will stop flashing and be ready for exposure.
- Whenever a change is made on the upper row (Receptor or Body type), **All 3** options must be reset.
- The lower row (Tooth type) can be changed without resetting all 3 options.



(Cont. on backside)

- **Lower Row (Tooth Type):**
 - When changing tooth or bitewing options:
 - When numbers are not flashing, tap the dial once and turn to select the tooth image.
 - Tap the dial again to confirm (2 beeps). The X-ray icon turns **Green**, indicating readiness for exposure.

Manual Exposure settings:

- This method is used when you know the exposure times that work best
 - After turning on the X4, and with no numbers flashing, simply rotate the jog dial up or down to select the exposure time
 - Tap the dial once to lock in that time (two beeps).
 - The X-ray icon turns green, indicating readiness for exposure.

4. Locking and Unlocking the System

- **Unlocking:** Press and hold the Jog Dial again for 3 seconds until the flashing **Amber** indicator turns **Green**, (2 Beeps) indicating the system is unlocked and ready for use.
- **Locking:** Press and hold the Jog Dial for 3 seconds until the X-ray indicator turns **Amber** colored and flashes (2 Beeps). **No exposure** can be taken in this mode. If powering off, it will remain in the Locked Mode upon the next power on cycle.



Tips for Users:

- Ensure you understand the difference between Tap and Long Press functions on the Jog Dial.
- Always confirm your selections with the appropriate number of beeps.
- Verify all settings on the display before taking an exposure to avoid errors.
- Always hold down the trigger when exposing through the entire cycle. The unit will beep and show an Amber indicator light during the exposure cycle. Letting go too soon will cause a poor x-ray image and may create an error code.
- Error codes (ER)- Turn the unit off, then back on after 2 minutes. The code should be cleared and now ready for use (green). If not, call our support team.
- Always wait for the indicator to turn green before attempting to take another exposure.
- When turning off, locking, or automatically powering off after 10 minutes of non-use, upon turning on, the last setting selected will be displayed and ready to use.
- **Do Not Stand It Up Like A Drill. This is not a stable resting position and should be avoided.** Place the X4 in its cradle, or lay on its side between images.
- Additional cradles are available, item# M01-105

By following these steps, you can effectively operate the X4 handheld X-ray machine and utilize its various functions with confidence.