

## AODELAN TR-90

# AODELAN TR-90 Digital Timer Remote Instruction Manual

Model: TR-90 | Brand: AODELAN

## 1. INTRODUCTION

The AODELAN TR-90 Digital Timer Remote is a wired controller designed to provide precise shutter control for compatible Sony cameras. It enables advanced photographic techniques such as time-lapse, long exposure, and continuous shooting by offering programmable delay, exposure time, interval, and number of shots. This remote features a two-stage shutter button, a backlit LCD screen, an LED status indicator, and an audible beep for operational feedback.

## 2. PRODUCT OVERVIEW

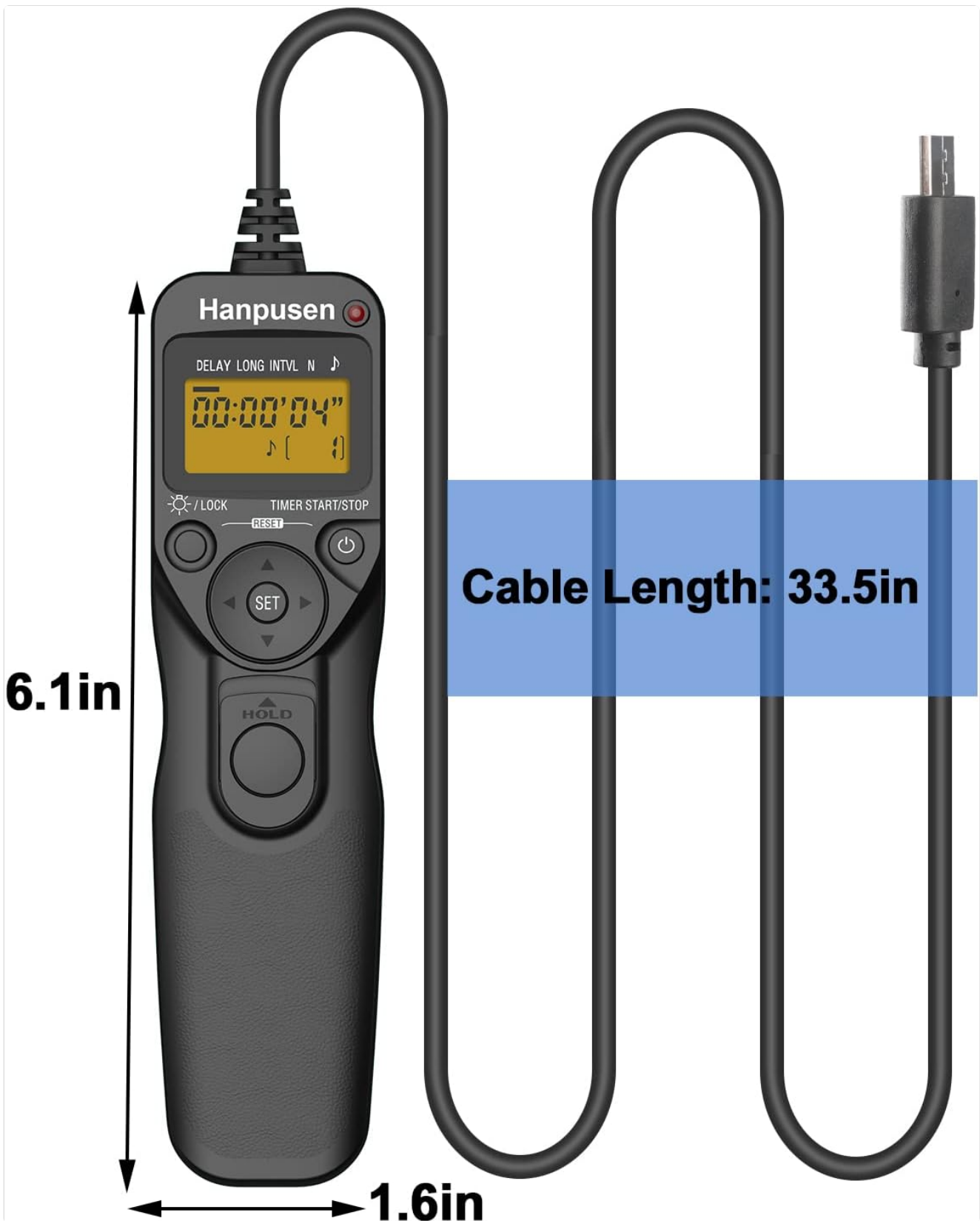
### 2.1 Package Contents

- AODELAN TR-90 Digital Timer Remote
- Instruction Manual (this document)

*Note: 2x AAA 1.5V LR03 Alkaline Batteries are required and not included.*

### 2.2 Remote Control Components

Familiarize yourself with the various parts of your TR-90 remote control:



**Figure 1:** Labeled components of the AODELAN TR-90 remote. Key components include the Release Lamp, Display Panel, TIMER START/STOP button, ON/OFF button, Illuminator/Lock button, SET button, Selector button, Shutter-release button, and Battery-chamber cover.

- **Release Lamp:** Indicates remote status.
- **Display Panel:** Shows timer settings and current status.
- **TIMER START/STOP Button:** Initiates or halts timer functions.
- **ON/OFF Button:** Powers the remote on or off.
- **Illuminator/Lock Button:** Activates backlight for the display or locks settings.
- **SET Button:** Confirms selections and enters setting modes.

- **Selector Button:** Navigates through menu options and adjusts values.
- **Shutter-release Button:** Two-stage button for autofocus (half-press) and shutter release (full-press).
- **Battery-chamber Cover:** Access for battery installation.

## 3. SETUP

---

### 3.1 Battery Installation

1. Locate the battery-chamber cover on the back of the remote.
2. Slide or open the cover.
3. Insert two AAA 1.5V LR03 Alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery-chamber cover securely.

*Note: Always use fresh batteries for optimal performance. Remove batteries if the remote will not be used for an extended period.*

### 3.2 Connecting to Your Camera

1. Ensure your camera is powered off.
2. Locate the remote control terminal on your Sony camera.
3. Connect the TR-90's cable connector firmly into the camera's remote control terminal.
4. Power on your camera. The remote is now ready for use.

## Single shot



## Anti-shake



## HIGHT-SPEED Continues shooting



Figure 2: The TR-90 remote connected to a camera, ready for use in BULB mode.

## 4. OPERATING INSTRUCTIONS

The TR-90 offers various shooting modes and timer functions. Press the ON/OFF button to power on the remote.

### 4.1 Basic Shutter Release

- **Autofocus:** Half-press the Shutter-release button to activate autofocus.
- **Single Shooting:** Fully press the Shutter-release button to take a single photo.
- **Continuous Shooting:** Hold down the Shutter-release button for continuous shots (camera settings apply).
- **Bulb Shooting:** Set your camera to BULB mode. Press and hold the Shutter-release button to open the shutter, and release it to close the shutter.

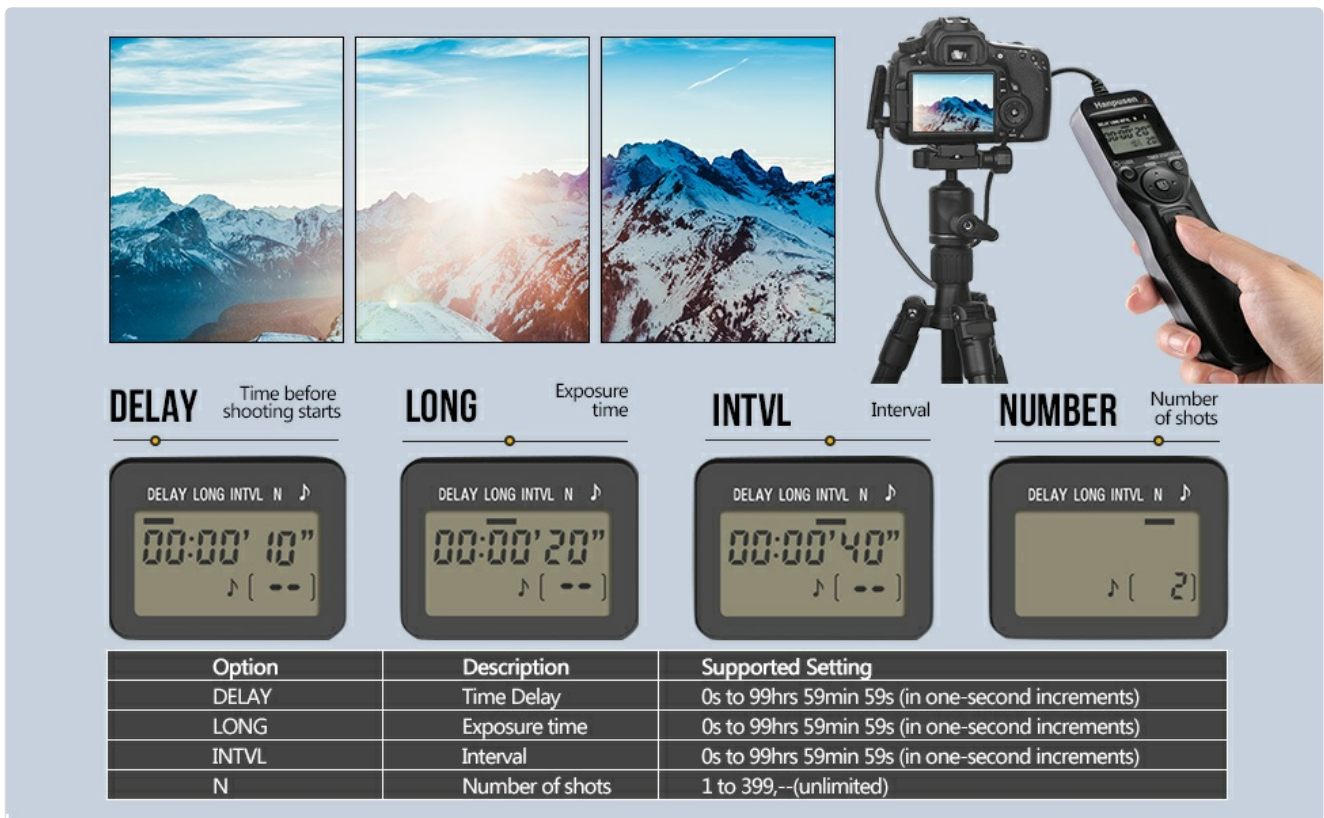


Figure 3: Visual examples of Single Shot, Continuous Shooting, and Anti-shake functions.

## Shutter Release Button

### Shoot every moment you want

**Auto focus**

**BULB**

**Single shooting**

**Continuous Shooting**

Figure 4: Instructions for using BULB mode: Set camera to BULB, slide TR-90 shutter button to HOLD to start exposure, release to end.

#### 4.2 Digital Timer Functions

The TR-90 allows precise control over shooting parameters. Use the Selector button to navigate and the SET button to confirm.

**Table 1: Timer Function Settings**

Option	Description	Supported Setting Range
<b>DELAY</b>	Time before shooting starts.	0s to 99h 59m 59s (1-second increments)
<b>LONG</b>	Exposure time for each shot.	0s to 99h 59m 59s (1-second increments)
<b>INTVL</b>	Interval between shots.	1s to 99h 59m 59s (1-second increments)
<b>N</b>	Number of shots to take.	1 to 399, or unlimited (--)



**Figure 5:** Time-lapse photography examples, achieved by setting fixed shooting intervals.

To start the programmed sequence, press the **TIMER START/STOP** button. Press it again to stop.

## 5. MAINTENANCE

- Keep the remote control dry. Do not expose it to rain or moisture.
- Clean the remote with a soft, dry cloth. Do not use harsh chemicals or solvents.
- Avoid dropping or subjecting the remote to strong impacts.
- If not using the remote for an extended period, remove the batteries to prevent leakage.
- Store the remote in a cool, dry place away from direct sunlight.

## 6. TROUBLESHOOTING

- **Remote not powering on:**
  - Check if batteries are installed correctly with proper polarity.
  - Replace old batteries with new AAA alkaline batteries.
- **Remote not triggering camera:**

- Ensure the remote cable is securely connected to the camera's remote terminal.
  - Verify that the camera is powered on and in a compatible shooting mode.
  - Check camera settings to ensure external remote control is enabled if applicable.
- **Display is dim or unreadable:**
    - Press the Illuminator button to activate the backlight.
    - Replace batteries if the display remains dim.
- **Unexpected behavior during timed shooting:**
    - Review your DELAY, LONG, INTVL, and N settings on the remote.
    - Ensure camera settings (e.g., shutter speed, aperture) are appropriate for the desired outcome.

## 7. SPECIFICATIONS

Feature	Detail
<b>Model</b>	TR-90
<b>Brand</b>	AODELAN
<b>Type</b>	Wired Digital Timer Remote
<b>Power Source</b>	2 x AAA 1.5V LR03 Alkaline Batteries (not included)
<b>Dimensions (L x W x H)</b>	Approx. 6.1 x 1.6 x 0.7 inches (15.5 x 4.1 x 1.8 cm)
<b>Approx. Cord Length</b>	33.5 inches (85 cm)
<b>Weight</b>	Approx. 3.07 oz (87 g)
<b>Timer Functions</b>	Delay, Long Exposure, Interval, Number of Shots
<b>Compatible Cameras</b>	Sony ILCE-a1, a9, a9M2, a7, a7M2, a7M3, a7M4, a7R, a7RM2, a7RM3, a7RM4, a7S, a7SM2, a7SM3, a6600, a6100, a6400, a6500, a6300, a6000, a5000, a5100, a3000, a3500, QX1; HX300, HX350, HX400V, HX50, HX50V, HX60, HX60V, HX99, HX95, HX90, HX90V, HX80, QX30, RX0, RX0M2, RX100M2, RX100M3, RX100M4, RX100M5, RX100M5A, RX100M6, RX100M7, RX10, RX10M2, RX10M3, RX10M4, RX1RM2, WX500, WX700, WX800; A58, A68; NEX3N; ZV-1.

# S8

## Compatible with Sony

ILCE-1, 9, 9M2, 7, 7M2, 7M3, 7M3K, 7R,  
7RM2, 7RM3, 7RM4, 6100L, 6100Y, 6400, 6400L,  
6400M, 6500, 6500G, 6500M, 6500Z, 6300, 6000,  
6000L, 6000Y, 6000Z, 5000, 5100, 5100L, 5100Y,  
3000, 3500, QX1; HX300, HX350, HX400,  
HX400V, HX50, HX50V, HX60, HX60V, HX99,  
HX95, HX90, HX90V, HX80, QX30, RX0, RXOM2,  
RX100M2, RX100M3, RX100M4, RX100M5, RX100M5A, RX100M6,  
RX100M7, RX10, RX10M2, RX10M3, RX10M4, RX1RM2,  
WX500, WX700, WX800; A58, A68; NEX3N; ZV-1



Figure 6: The S8 connector type and a comprehensive list of compatible Sony camera models.

## 8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official AODELAN website or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.