# ROKUHAN

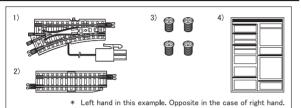
## 55mm Remote turnout Common instruction manual for Left hand & Right hand

Thank you for purchasing Rokuhan products. Please read carefully before use.

#### 1. Caution

- For best results, connect and disconnect the track on a flat surface. To avoid damage to rail joiner and rail, do not twist or use excessive force and large angles when assembling your track.
- Check your track is connected correctly before running your train. Each rail joint should be flush no bumps. If a rail is not flush, the train could derail and cause damage to your train and your track.
- Handle the cord with care to avoid disconnection or short circuit.
- Remove dirt from the rail with a rail cleaner before use. Dirty track is evident in jerky movement of your train and headlights that flicker. The power cannot reach the engine if track and wheels are dirty.
- Do not store in a high-temperature/humidity area or away from source of heat. Also be careful with chemicals such as thinner to avoid deformation plastic.

#### 2. Parts list



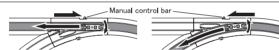
- 1) 55mm turnout ..... 1 p
- 2) 55mm Trimmed track ····· 1 pc
- (The positions of trimming depends on left hand or right hand)
- 3) Screw to make the turnout Non-power routing
  - ····· 4 pcs (Including 2 pcs of spare screws)
- 4) Instruction manual ······ 1 pc

#### 3. Instruction for switching turnout

To switch the turnout, use Manual control bar on the turnout or a switch on Rokuhan controller.

#### 3-1. How to switch the turnout manually

Use Manual control bar on the turnout to switch the turnout



Train takes straight route when the bar is set on right.

Train takes diverging route when the bar is set on left.  $\,$ 

\* These figures are for left hand turnout. For right hand turnout, the switch is reverse

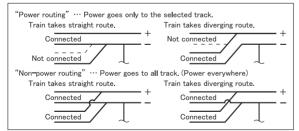
### 3-2. How to electrically switch the turnout

Switch the turnout by a turnout switch on Rokuhan controller (Sold separately). Switch the turnout according to the instruction manuals included in each product.

#### 4. Structure of turnout and "Power routing" "Non-power routing"

#### 4-1. System of turnout

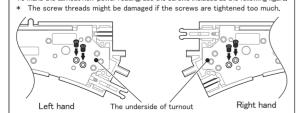
This turnout can be either power routing or non-power routing



### 4-2. How to switch "Power routing" and "Non-power routing"

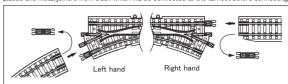
Use 2 screws on the bottom cover to switch to "Non-power routing" (The turnout is power routing by default)

To make the turnout non-power routing, use the screws included as the following figure.



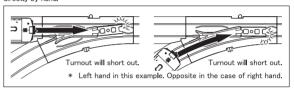
#### 4-3. Remove both plastic and metal joiners before connecting

55mm turnout left hand has 2 pairs of plastic and metal joiners on the curved track of it. Right hand also has 2 pairs of plastic and metal joiners on the straight track of it. Remove plastic and metal joiners from track which will be connected to the turnout before connecting.



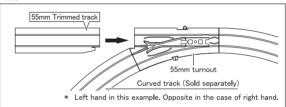
#### 4-4. Short circuit

If the turnout is set as shown in the following figures and your train tries to run through it, it will cause a track short. Make sure to switch the turnout according to the direction your train goes before entering the switch. Do not switch the rail directly by hand.



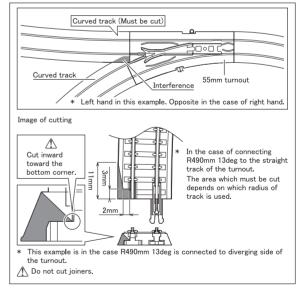
#### 5. 55mm Trimmed track

55 mm Trimmed track is precut to connect to straight track coming out of the turnout without trimming. Connect the trimmed track to the straight track coming out of the turnout.



#### 6. Connect the turnout to other track

Trim the interference of track roadbed according to the following figures to connect other track to the straight track coming out of the turnout.



#### 7. Trouble and repair

- The user is responsible for any trouble, accident, or injury caused by misuse, disassembling, or modification to this product. Rokuhan will not repair a product which has been opened, taken apart, or modified.
- Specification and appearance of our products are subject to change without prior
- Contact Rokuhan customer service if you have any query.



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