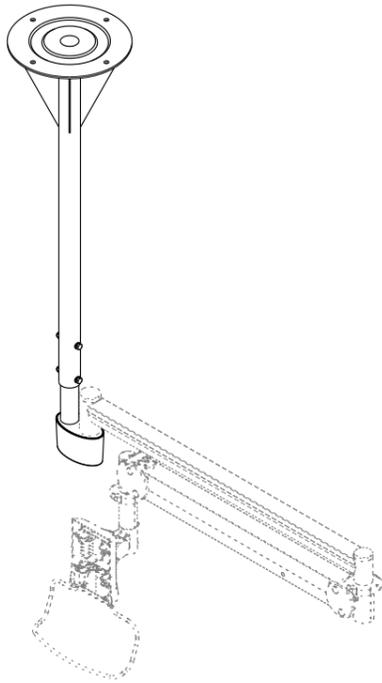


# User Manual

HA-237P



Product advantage:  
 \*Save Space  
 \*Ergonomic

20120328 (E-M)

## Check list

Before starting Assembly

- Please spend some time reading this manual then follow the simple step by step guide to assembly.
- Some panels are viewed differently from the exploded drawing below, this is for extra clarity.
- Do not discard any of the packaging until you have checked all the parts and the pack of fittings.
- If you are missing any of the parts, contact store where you purchased.

### Check list

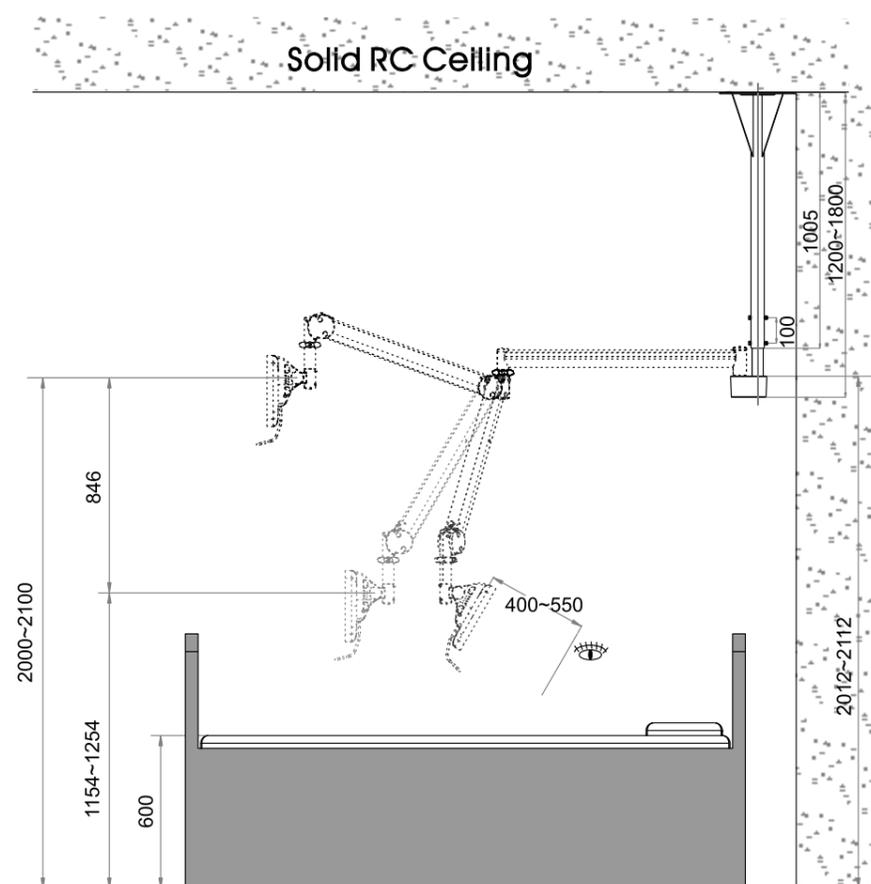
01		X1
02		X2
03		X4
04		X2
05		X1
06		X1
07		X1
08		X2
09		X4

-01-

## For example for positioning the HA products.

### Right view

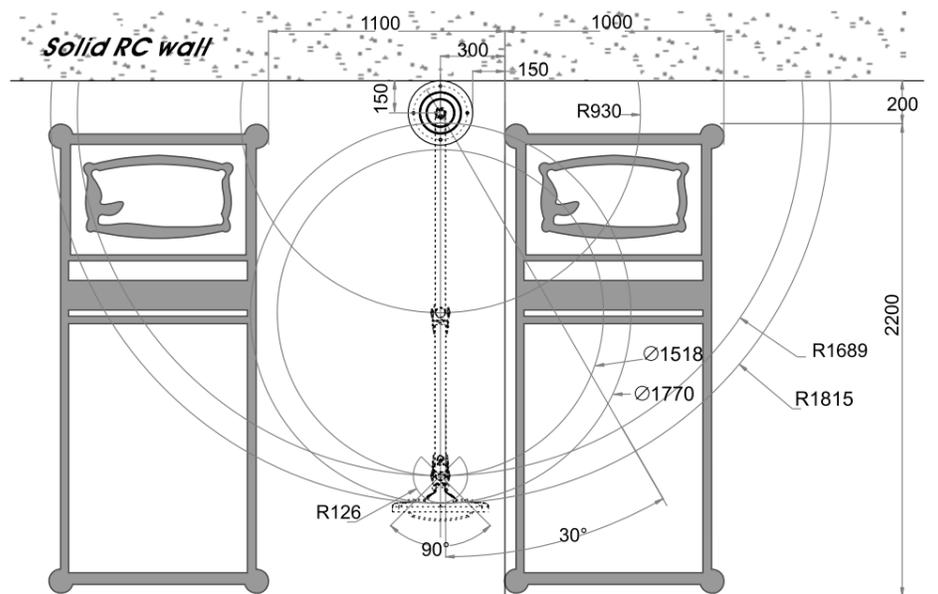
Unit:mm



-02-

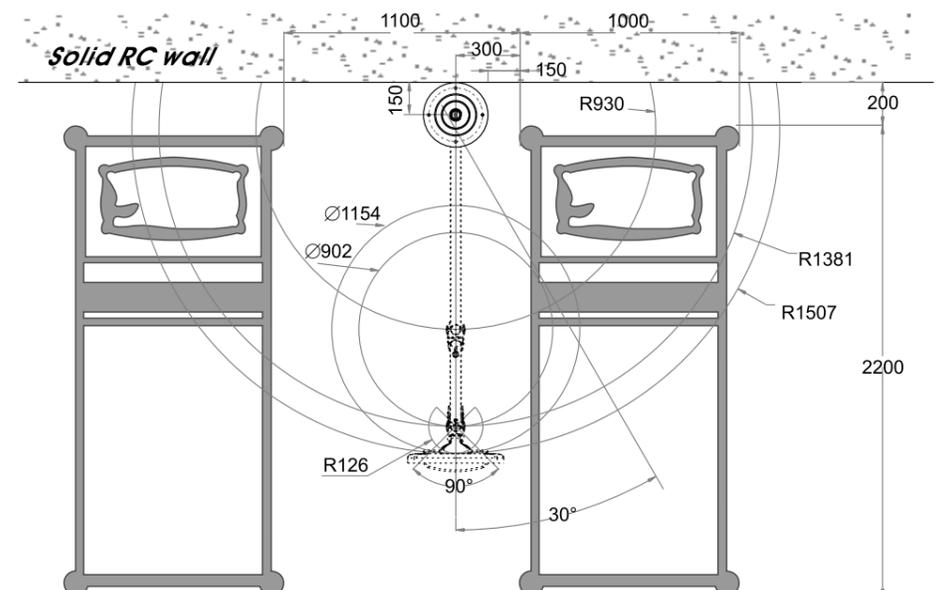
## The serviceable range of arm at +20 degree Top view

unit:mm



## The serviceable range of the arm at -60 degree Top view

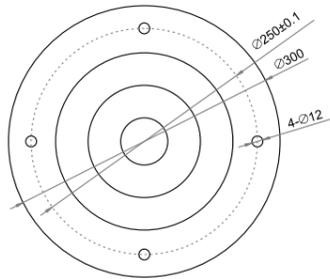
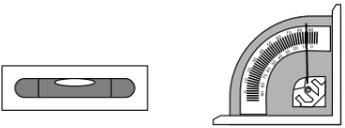
unit:mm



-03-

## Note

- Use level gauge or protractor to help the wall mount installation.



Unit:mm

### Solid RC Ceiling

90° ± 1°



### Solid RC Ceiling

X

### Solid RC Ceiling

### Solid RC Ceiling

### Solid RC Ceiling

If the wall box is not level after fixture on the wall, please use washers to fill it between the wall box and wall.

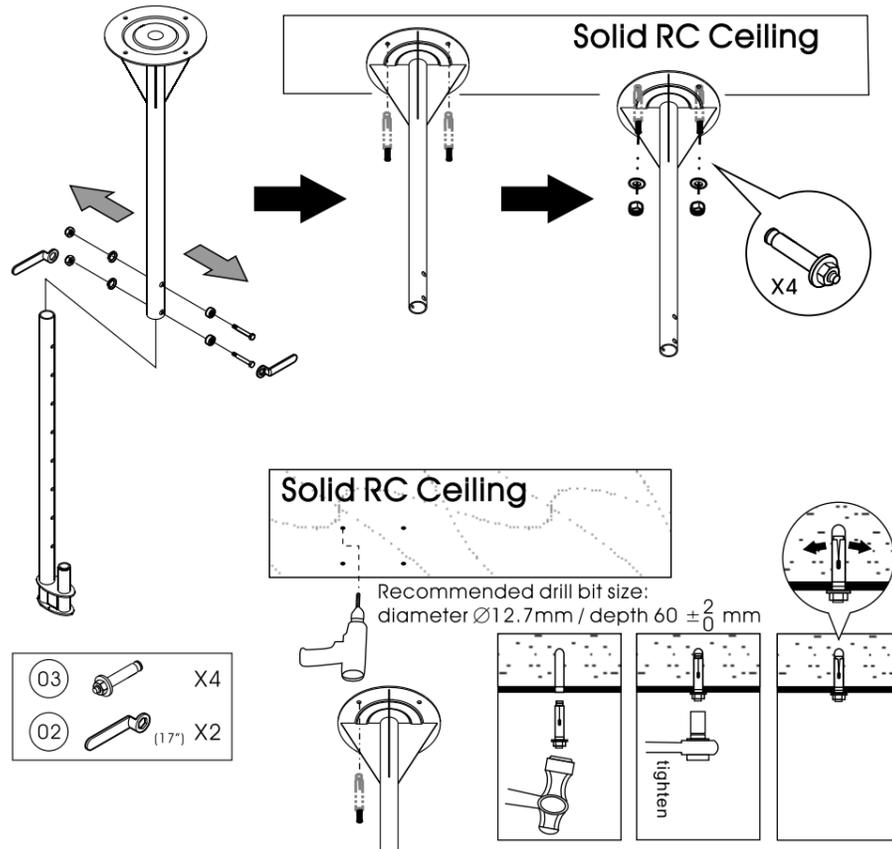
X

-04-

## Fix Ceiling Mounting into Solid RC Ceiling firmly

### STEP 1.

1. Disassemble the ceiling mount and the adjustable pole.
2. Choose the exact place you want to fix ceiling mounting on the ceiling and have 4 remarks on it.
3. Drill 4 expansive bolts into the ceiling and put ceiling mounting into the 4 expansive bolts aiming at ceiling mounting's 4 holes.  
Recommended drill bit size: diameter  $\varnothing 12.7\text{mm}$  / depth  $60 \pm \frac{2}{0}\text{mm}$
4. Then, lock them by 4 washers & 4 nylon nuts.

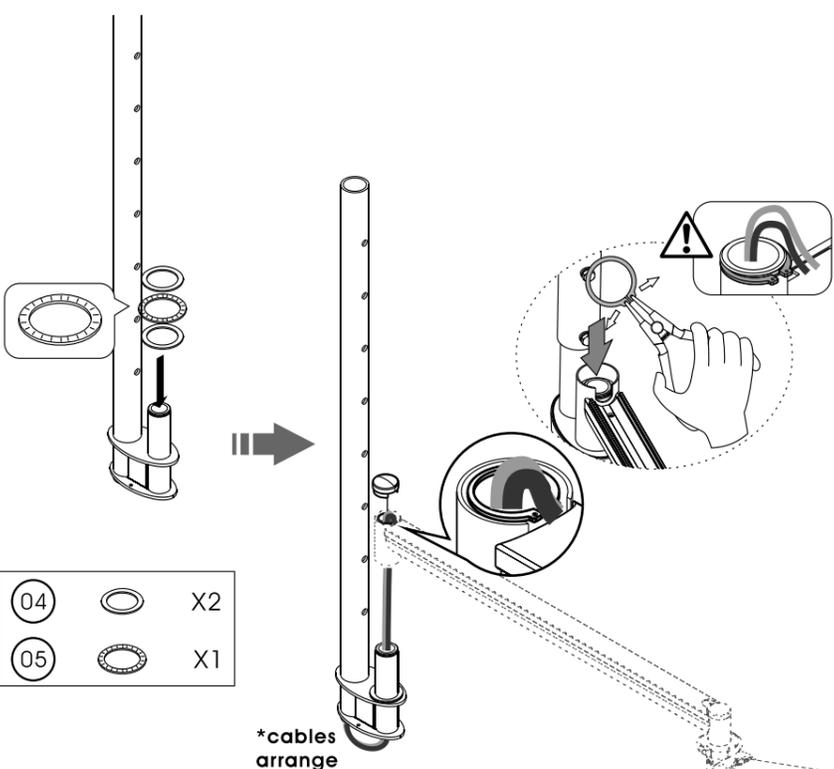


-05-

## Only keep the drawing on the assembly guide

### STEP 2.

1. Place the bearings onto the spindle
2. Place the arm onto the spindle.
3. Manage the cables well, and then make sure that C clip is fitted into groove of spindle securely so the fixed section of arm cannot be pulled out from the wall mount while adjusting the arm.
4. Fit the end cap to the lowest point and screw the cap.
5. Put the end cap on arm.

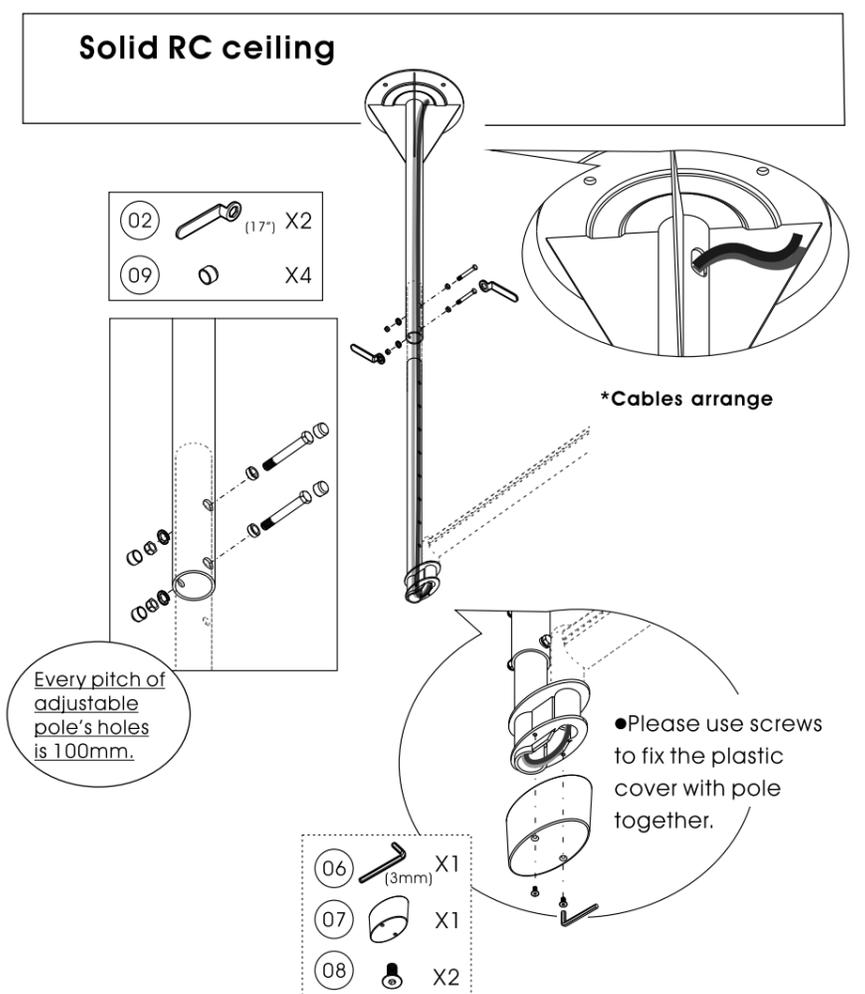


-06-

## Let Adjustable Pole embedded into Ceiling Mounting to adjust the height:

### STEP 3.

1. Put the adjustable pole inside the ceiling mount.
2. Fix the pole at the desired height by wrench with 2 screws, 2 screw bushing, 2 washers, & 2 nylon nuts.



-07-