A motorised mechanism to reveal display from the ceiling. This version hinges down by 90 degrees and then telescopes the television further down from the ceiling.

The size reference for this version is CHRT5-RES.

The mechanism is fixed in place before the ceiling is finished. Supplied with MDF plaster edging to neatly plaster into ceiling.

The control system can be operated via infra-red, RS232 or contact closure inputs.

Speakers can be added with the use of standard speaker mount brackets.

See overview technical sheet for details on other products in the range.

### Model Code: CHRT5-RES

<table>
<thead>
<tr>
<th>Specification</th>
<th>CHRT5-RES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max Screen Size</td>
<td>1330 [52.4] x 800 [31.5] x 100 [3.9]</td>
</tr>
<tr>
<td>Max Screen Weight</td>
<td>45kg [99lbs]</td>
</tr>
<tr>
<td>Approx Mechanism Weight</td>
<td>130kg [286lbs]</td>
</tr>
<tr>
<td>Environment</td>
<td>Residential</td>
</tr>
<tr>
<td>Colour</td>
<td>WHITE - RAL910 Satin Finish</td>
</tr>
<tr>
<td>Control System</td>
<td>Accessible by internal access hatch</td>
</tr>
<tr>
<td>Ceiling Void Required For Fitting</td>
<td>1824 [71.8] W x 1185 [46.7] L x 210 [8.3] D</td>
</tr>
</tbody>
</table>

**NOTE:** This mechanism is not designed to accommodate additional panelwork on the main hinging tray.

Please see Tech Note - CHR-RES-AP Addon Panel Technical Note for more information.

See CAD files for more dimensional information.
OPTION 2 - SUSPENDING FROM CEILING STRUCTURE ABOVE

- TIMBER FRAME TO SUPPORT PLASTERBOARD / GYPROC AND MDF PLASTER EDGE JOINT
- Opening Width
- 71.8 ± 5.0
- 18324 0
- Allow for cables to be routed into mechanism in this area (both sides)
- 12.5 [0.5] PLASTERBOARD / GYPROC BORDER
- MECHANISM
- 15 [0.6] MDF PLASTER EDGE TRIMS (SUPPLIED)
- M6 x 16mm SS POZI BOLT (SUPPLIED)
- SUSPENDED PLASTERBOARD / GYPROC CEILING
- 3 [0.1] FINISHED CEILING PLASTER SKIM
- ADDITIONAL TIMBER FRAMEWORK AROUND OPENING
- MDF PLASTER EDGE TRIMS (SUPPLIED)

VIEW FROM BELOW

- CONCRETE / METAL FLOOR STRUCTURE
- UPTO 12 [0.5] THREADED ROD

SECTION B:B
SCALE 1 : 3

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UK www.futureautomation.co.uk tel: +44 (0) 1438 833 577
INSTALLATION PROCEDURE

1. Mechanism Installation

THE INSTALLATION PROCEDURE IS CARRIED OUT IN THE SAME WAY FOR OPTION 1 OR OPTION 2

2. MDF Plaster Trim Installation

3. Plastering

DETAIL A
SCALE 1 : 5

- 28 No. OFF SS M6 x 16MM POZI (SUPPLIED)
- 28 No. OFF MDF SCREW (NOT SUPPLIED)

DETAIL B
SCALE 1 : 5

- 3 (0.1) FINISHED CEILING PLASTER SKIM

SUITABLE FIXING (NOT SUPPLIED)
Cable Routing

Cables for the screen can be routed in from both sides, allowing for power and signal cables to be separated when entering the mechanism.

The opening on both sides is MIN. 32mm [1.3"] in diameter allowing for multiple cables to be routed to the screen.

A power outlet mounting plate is supplied in the right hand gearbox allowing for UK and US power outlets to be wired directly into the mechanism.

Ensure there are no obstructions around the power outlet mounting plate, between the mechanism and the mounting joist / ceiling structure.

(Dimensions shown from rear of mechanism and underside of ceiling finish)
Mechanism mounted on M12 [0.5] Studding or fixed to underside of the ceiling joist structure, both using the mounting brackets installed on mechanism as standard.

See CAD files for more dimensional information.