# unitech
## systems

é**SISTEMAS**
VISUAL COMMUNICATION SOLUTIONS
MULTIMEDIA PRODUCTS

## inspiring|solutions

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# Projector Ceiling Lifts

Unitech Systems has developed a wide range of ceiling lift mechanisms for projectors, which is evolving and renewed according to the modern needs of both residential and professional AV applications.



## PLCV2 series

PLCV2 series of projector ceiling lift mechanisms is characterized by excellent utility, amazing stability and absolute accuracy in up and down positions. All mechanisms of PLCV2 series are equipped with the unique feature of four (4) heavy duty linear guides that provides maximum stability and safety in motion and absolute accuracy in start and end positions.

### Technical details

| Model | PLC V2.1 | PLC V2.2 | PLC V2.3 |
|---|---|---|---|
| Projector dimensions (WxHxD) | ≤ 680x213x650mm | ≤ 505x185x509mm | ≤ 440x180x392mm |
| Maximum load (projector+ceiling cover) | 40kg | 25kg | 20kg |
| Lift dimensions (WxHxD) | 896x374x659mm | 796x305x509mm | 794x305x392mm |
| Lift weight | ~60kg | ~42kg | ~32kg |
| Standard drop distance | 720mm | 780mm | |
| Optional drop distance (*) | +385mm | +385mm | |
| (*): Lift height increase at | 410mm | 405mm | |
| Standard color of metallic parts | RAL 9005 black | | |
| Optional RAL color selection | up on request | | |
| Power supply | wire control at 230VAC-50/60Hz | | |
| Optional controls | RF remote control, dry contacts | | |

## PLCV5 series

PLCV5 series of projector ceiling lift mechanisms is characterized by its low profile and its wide range of models, thus providing flexibility in installation and solutions of excellent utility in demanding applications.

## PLCV6 series
### The slimmest projector ceiling lift is a reality!

Required inner ceiling depth only **1.5cm** + projector height*!

Easy to install, with high quality technical specifications and consistent with Unitech Systems' philosophy for reliable and firm constructions, PLCV6 series is the ultimate solution for slim ceiling applications.

**Technical details**

| Model | PLC V5.1 | PLC V5.2 | PLC V5.3 | PLC V5.4 |
|---|---|---|---|---|
| Projector dimensions (WxD) | ≤ 470x440mm | ≤ 420x440mm | ≤ 555x596mm | ≤ 580x707mm |
| Maximum load (projector+ceiling cover) | 20kg | | | 35kg |
| Lift dimensions (WxD) | 635x440mm | 526x440mm | 690x596mm | 720x850mm |
| Lift height | 71+projector height for max.projector depth <345mm 105+projector height for max.projector depth >345mm | | | 85mm+proj.height |
| Lift weight | ~19kg | ~15kg | ~30kg | ~44kg |
| Standard drop distance | 200mm | | 300mm | 500mm |
| Optional extra drop distance (*) | maximum 2 times of +200mm each | | maximum 2 times of +300mm each | maximum 2 times of +500mm each |
| (*): Lift height increase at | +42mm each time | | +40mm each time | +46mm each time |
| Standard color of metallic parts | RAL 9005 black | | | |
| Optional RAL color selection | up on request | | | |
| Power supply | wire control at 230VAC-50/60Hz | | | |
| Optional controls | RF remote control, dry contacts | | | |

**Technical details**

| Model | PLC V6.1 |
|---|---|
| Projector dimensions (WxHxD) | 530x645mm |
| Maximum load (projector+ceiling cover) | 20kg |
| Lift dimensions (WxHxD) | 787x854mm |
| Mounting area dinensions (W&D) in mm | 482x430mm |
| Lift Height | 1.5cm + projector height* |
| Standard drop distance | 300mm |
| Projector sliding mounting tray | ✓ |
| Cable management system | ✓ |
| Standard color of metallic parts | RAL 9005 black |
| Optional RAL color selection | up on request |
| Power supply | 230VAC-50/60Hz |
| Optional controls | RF remote control, dry contacts |

*for projectors' height >135mm

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# Heavy Duty Projector Ceiling Lifts

Unitech Systems standardizes the heavy duty projector ceiling lifts required in **professional applications**, for maximum load capacity up to 100kg and introduces the new series PLCS-V2.

Keeping the high standards in utility, quality and stability, this new line incorporates 3 sets of articulated scissor elements, providing stability in motion and 4 metal wires for maximum safety. The lift is equipped with projector mount which provides independent leveling adjustments for tilt and pitch and with speed motion controller which enables soft start/stop of motion function. The articulated scissors are equipped with cable holding points, in order to facilitate the cable routing and their secure motion with the lift.

Silent in operation and with standard drop distance up to 3m, the PCLS-V2 line is the reliable solution for professional applications!



## Technical details

| Model | PLCS-1500V2 | PLCS-2000V2 | PLCS-2500V2 | PLCS-3000V2 |
|---|---|---|---|---|
| Space inside carriage for projector (WxL) | 655x950mm | | | |
| Maximum load capacity (projector+ceiling cover) | 100kg | | | |
| Lift dimensions (WxD) | 885x1000mm | | | |
| Net vertical drop down length | 1500mm | 2000mm | 2500mm | 3000mm |
| Minimum required inner ceiling depth, with projector mount providing angle position adjustments | 401mm +projector height | 438mm +projector height | 475mm +projector height | 512mm +projector height |
| Tilt/pitch adjustment | ±8.5degrees / ±6.5degrees | | | |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | | | |
| Power supply | 230VAC-50/60Hz | | | |
| Standard control option | dry contacts control box | | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | | |

# Projector Wall & Table/Furniture Lifts

Unitech Systems designs and produces special mechanisms for wall or furniture applications, giving architectural and designing solutions beyond the ordinary.



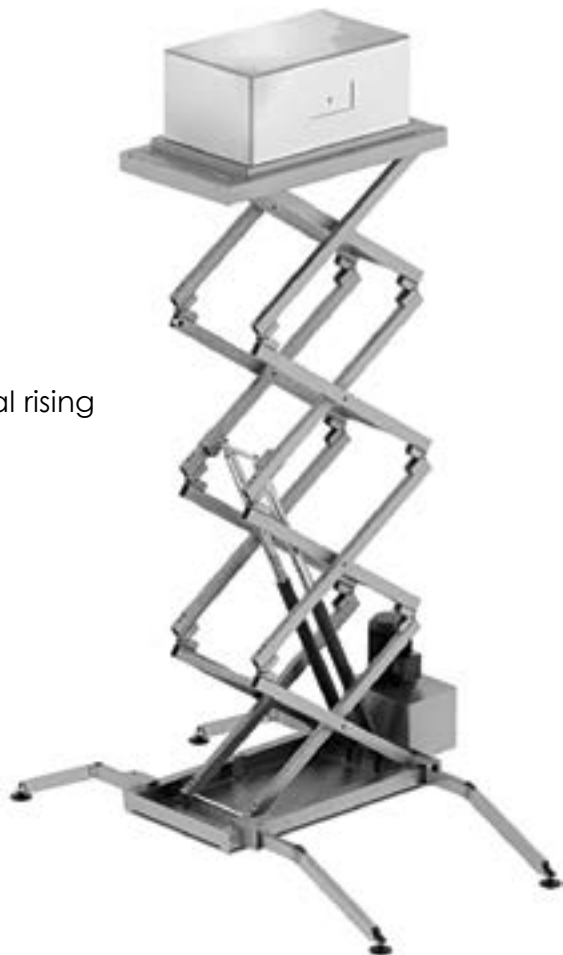Standard product range of Projector Wall & Table Lifts:

## Technical details

| Model | PLWV V2 | PLWH LM V2 | PLT V3.1 |
|---|---|---|---|
| |  |  |  |
| Projector dimensions (WxD) | ≤ 510x450mm | ≤ 530x500mm | ≤ 530x185x503mm |
| Maximum load (projector+wall cover) | 20kg | 25kg | 20kg |
| Lift dimensions (WxD) | 660x628mm | 595x541mm | 675x365mm |
| Lift height/depth | • minimum D:302mm for projectors up to 175mm height<br>• D:127mm+projector height, for projectors over 175mm height | H: 125mm+projector height | H: 1030mm |
| Rising distance | - | - | 600mm |
| Opening/swiveling angle | up to 90degrees | - | 90degrees |
| Horizontal linear motion distance | - | 400mm | - |
| Standard color of metallic parts | RAL 9005 black | | |
| Optional RAL color selection | up on request | | |
| Power supply | wire control at 230VAC-50/60Hz | | |
| Optional controls | RF remote control, dry contacts | | |

# Projector Customized lifts

Driven by our customers' requests and needs, the designing team of Unitech Systems designs and develops a large number of customized products

Heavy duty ceiling lifts for big size projectors in customized drop down lengths.

Hydraulic lifts for vertical rising of loads up to 200kg.

# Flat panel Art cover mechanisms

Designers and art lovers will find the ideal solution for covering the TV set in the most artistic way! FPArt mechanisms can be installed on any wall surface and combined with the wall mount of the clients' selection, they provide a unique art expression, while characterized by high utility.

**FPArt V4 series***

## Technical details

| Model | FPART V4 30-40 | FPART V4 42-50 | FPART V4 52-60 |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x640x90mm | ≤ 1280x755x90mm | ≤ 1480x900x90mm |
| Art mechanism dimensions (WxHxD) | 1202x805x130mm | 1460x920x130mm | 1660x1065x130mm |
| Art mechanism weight | ~21kg | ~25kg | ~30kg |
| Dimensions of wooden frame (WxHxD) | 1245x870x20mm | 1500x985x20mm | 1700x1130x20mm |
| Standard color of metallic parts | RAL 9005 black | | |
| Power supply | wire control at 230VAC-50/60Hz | | |
| Optional controls | RF remote control, dry contacts | | |

*: includes painting and standard wooden frame, does not include flat panel wall mount.

### FPCRM V4 series

The new Rail ceiling system, series FPCRMV4, designed by Unitech Systems, is an an innovating flexible product that allows viewing your flat panel TV in more than one areas of your home or office, while providing a minimal aesthetic result. It has been designed to meet the modern needs of home and office environment, providing features of motion in horizontal, vertical axis and rotation, in combination with a low profile aluminum rail, easy to hide or combine with other features of the ceiling.

The new systems' unique element is the elegant aluminum ceiling rail, accompanied by a series of accessories, which provides the following features:

- ✓ Horizontal run length up to 12 meters, in any intermediate length desired by the client
- ✓ Manual or automated linear motion
- ✓ Manual or automated full rotation of suspended mount up to 300degrees
- ✓ Suspension of AV equipment by
  - Fixed height arm mount, in two (2) standard heights or
  - Mounting flanges according to standard or customized vesa mounting
- ✓ Invisible cable routing inside the aluminum ceiling rail, in cable chain
- ✓ Maximum weight of suspended equipment
  - 50kg in fixed arm mount
  - 35kg in lift mechanism
- ✓ Elegant design
- ✓ Coloring of aluminum rail in four (4) anodized colors: aluminum, black, cooper, inox
- ✓ Smooth motion
- ✓ Safety in application
- ✓ Silent motion

### Optional features

- ° Flat panel mounts with vesa patterns from 200x200mm up to 600x400mm
- ° Customized mounts
- ° Vertical lift mechanisms with elevation run length up to 1000mm

### FPLC V3 series

FPLC V3 series of flat panel ceiling lift mechanisms is characterized by excellent utility and stability providing solutions to every situation!

FPLC V3 series of lifts includes models that when in closed position, the flat panel faces up towards the ceiling and models that when in closed position, the flat panel faces down towards the floor.

### Technical details

| Model | FPLC V3-700U* | FPLC V3-700D* | FPLC V3-800U* | FPLC V3-800D* |
|---|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 960x680x115mm | ≤ 960x680x115mm | ≤ 1310x790x105mm | ≤ 1310x765x100mm |
| Maximum load (flat panel+ceiling cover) | 35kg | | 45kg | |
| Lift dimensions (WxHxD) | 1230x275x1000mm | 1230x275x1000mm | 1615x275x1100mm | 1615x275x1100mm |
| Maximum swiveling angle | 95degrees | 90degrees | 95degrees | 90degrees |
| Lift weight | ~63kg | | ~75kg | |
| Vertical linear motion up to | 700mm | | 800mm | |
| Mounting flat panel hole pattern up to | 800x400mm | | 825x600mm | |
| Cable management system | ✓ | | | |
| Standard color of metallic parts | RAL 9005 black & RAL 9016 white | | | |
| Power supply | wire control at 230VAC-50/60Hz with dry contacts | | | |
| Optional controls | RF remote control | | | |

U*: flat panel facing Up
D*: flat panel facing Down

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### FPLC V4 series

FPLC V4 series of flat panel ceiling lift mechanisms is one of the simplest lifts, easy to install and use, that is characterized as a highly cost efficient solution!

FPLC V4 series' smooth operation and high utility makes it an excellent and smart choice!



### Technical details

| Model | FPLC V4-32 | FPLC V4-42 | FPLC V4-52 |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 823x450x90mm | ≤ 1045x650x90mm | ≤ 1250x750x90mm |
| Maximum load (flat panel+ceiling cover) | 35kg | 40kg | 40kg |
| Lift dimensions (WxHxD) | 1100x238x500mm | 1320x238x700mm | 1450x238x820mm |
| Lift weight | ~36kg | ~45kg | ~65kg |
| Maximum swiveling angle | 110degrees | 110degrees | 110degrees |
| Mounting flat panel hole pattern up to | 600x300mm | 800x400mm | 800x400mm |
| Standard color of metallic parts | RAL 9005 black matte & RAL 9016 white | | |
| Power supply | wire control at 230VAC-50/60Hz | | |
| Optional controls | RF remote control, dry contacts | | |

### FPLCV6-55

Unitech Systems presents the ULTRA slim flat panel ceiling lift, FPLCV6-55!

A yet again innovating solution requiring only 9.5cm inside false ceiling, designed by Unitech Systems, gives answers to applications with limited inner false ceiling depth for TV sets up to 55".

### Technical details

| Model | FPLC V6-55 |
|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1245x740x65mm |
| Maximum load (flat panel+ceiling cover) | 30kg |
| Lift dimensions (WxHxL), excluding control box | 1430x95x935mm |
| Swiveling angle | 100degrees |
| Lift weight | ~40kg |
| Mounting flat panel holes pattern up to | 600x400mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white |
| Power supply | 230VAC-50/60Hz |
| Standard control option | wall switch |
| Optional controls | RF remote control, dry contacts control box, RS 232 or 485 ports |

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# Flat panel Ceiling Lifts

Specialized series of flat panel lifts series are included in Unitech Systems' constantly expanding and evolving product range.

Characterized by unique features and making smart ideas a reality, the lift mechanisms of Unitech Systems guarantee that in their range you will find the right product for your needs!

Easy to install and reliable in operation, Unitech Systems' flat panel lifts provide solutions to professionals!

**FPLC V2 Slim series**

FPLC V2 Slim series of flat panel ceiling lift mechanisms is characterized by excellent utility, slim profile and unique features. Elegant and silent, this popular series of lifts is constantly enriched by new models!

FPLC V2 Slim provides simple swiveling at 110 degrees from ceiling and minimum ceiling depth required at just 160mm!

## Technical details

| Model | FPLC V2 Slim 30-40 | FPLC V2 Slim 42-50 | FPLC V2 Slim 52-60 |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x620x90mm | ≤ 1280x755x90mm | ≤ 1480x900x90mm |
| Maximum load (flat panel+ceiling cover) | 30kg | 35kg | 45kg |
| Lift dimensions (WxHxD) excluding control box | 1455x160x780mm | 1712x160x916mm | 1912x160x1045mm |
| Lift weight | ~60kg | ~72kg | ~84kg |
| Maximum swiveling angle | 110degrees | | |
| Mounting flat panel hole pattern up to | 600x400mm | 800x400mm | 800x600mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | | |
| Power supply | 110-230VAC-50/60Hz | | |
| Standard control option | dry contacts control box | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

# Flat panel Ceiling Lifts for XL size TVs

**FPLC V2  series**

The FPLC V2  series of flat panel ceiling lift mechanisms for large TV sizes >65". Elegant and silent, this heavy duty series of lifts provides safety and utility, while concealing large TV sets inside ceiling structure .

FPLC V2 series with simple swiveling at 100 degrees from ceiling and minimum ceiling depth required at 270mm, is also equipped with safety locking system in closed position.

## Technical details

| Model | FPLC V2-75 | FPLC V2-85 |
|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1700x1000x120mm | ≤ 1930x1100x120mm |
| Maximum load (flat panel+ceiling cover) | 65kg | |
| Lift dimensions (WxHxD) excluding control box | 2050x270x1420mm | 2280x270x1520mm |
| Maximum swiveling angle | 100degrees | |
| Mounting flat panel holes pattern up to | 800x600mm | |
| Safety locking system in closed position | √ | |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | |
| Power supply | 110-230VAC-50/60Hz | |
| Standard control option | dry contacts control box | |
| Optional controls | RF remote control, RS 232 or 485 ports | |

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## FPLC V2 Slim+R series

FPLC V2 Slim+R series of flat panel ceiling lift mechanisms completes the series of elegant and slim ceiling mechanism with new models that comprise rotation ability and excellent utility!

Giving ideal solutions in most demanding applications of reduce space, (e.g. marine or vessel applica- tions), FPLC V2 Slim+R series impress both users and i ntegrators!

FPLC V2 Slim+R models provide swiveling at 90 degrees from ceiling and rotation ability up to ±180degrees (full rotation to both directions).

The model suitable for flat panels up to 60"-65" is also equipped with an electric safety locking system in closed position, to ensure maximum security of application.

**Technical details**

| Model | FPLCV2Slim30-40 +R | FPLCV2Slim42-50 +R | FPLCV2Slim52-60 +R+LOCK |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x620x90mm | ≤ 1280x755x90mm | ≤ 1480x900x90mm |
| Maximum load (flat panel+ceiling cover) | 25kg | 30kg | 35kg |
| Lift dimensions (WxHxD) excluding control box | 1330x220x1125mm | 1615x220x1300mm | 1820x220x1525mm |
| Maximum swiveling angle | 90degrees | | |
| Rotation ability (CW & CCW) | ±180degrees both ways : 180° CW & 180° CCW | | |
| Mounting flat panel holes pattern up to | 600x400mm | 800x400mm | 800x600mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | | |
| Power supply | 110-230VAC-50/60Hz | | |
| Standard control option | dry contacts control box | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

## FPLC V2 SLIM+R+TILT series

The FPLC V2 SLIM+R+TILT series of flat panel ceiling lifts with full rotation, can be also equipped with flat panel tilt ability, up to 30degrees!

This optimum solution, provides maximum utility with its full rotation and best viewing angle for different positions in the same room. For example, viewing from table top or from bed or sofa demands different viewing angles. This is easily solved by the variety of viewing angles that FPLCV2+R+TILT series offers to the end user!

**Technical details**

| Model | FPLC V2 Slim 30-40+R+TILT | FPLC V2 Slim 42-50+R+TILT | FPLC V2 Slim 52-60+R+TILT+LOCK |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x620x90mm | ≤ 1280x755x90mm | ≤ 1480x900x90mm |
| Maximum load (flat panel+ceiling cover) | 25kg | 30kg | 35kg |
| Lift dimensions (WxHxD) excluding control box | 1330x220x1125mm | 1615x220x1300mm | 1820x250x1525mm |
| Swiveling angle | 90degrees | | |
| Rotation ability (CW & CCW) | ±180degrees both ways : 180° CW & 180° CCW | | |
| Flat panel electric tilt ability | up to 30degrees | | |
| Mounting flat panel holes pattern up to | 600x400mm | 800x400mm | 800x600mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | | |
| Power supply | 110-230VAC-50/60Hz | | |
| Standard control option | dry contacts control box | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

# Flat panel Ceiling Lifts

**FPLC V2 +LM series**

The FPLC V2 +LM series of flat panel ceiling lift mechanisms offers vertical lowering motion, for applications with increased floor-ceiling distance.

Maximum safety is achieved in closed position with the electric safety locking system. Its silent operation and smooth motion make this series an elegant and reliable solution!



## Technical details

| Model | FPLCV2-42-50+LM+LOCK | FPLCV2-52-60+LM+LOCK |
|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1280x755x90mm | ≤ 1480x900x90mm |
| Maximum load (flat panel+ceiling cover) | 45kg | |
| Lift dimensions (WxHxD) excluding control box | 1600x260x1023mm | 800x260x1160mm |
| Vertical lowering distance up to | 310mm | 460mm |
| Mounting flat panel holes pattern up to | 800x400mm | 800x600mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | |
| Power supply | 110-230VAC-50/60Hz | |
| Standard control option | dry contacts control box | |
| Optional controls | RF remote control, RS 232 or 485 ports | |

# Flat Panel Ceiling Lifts

**FPLCV2 –85+ILM+LOCK**

FPLC V2+LM series of flat panel ceiling lift mechanisms offers vertical lowering motion, for applications with increased floor-ceiling distance. The addition of FPLCV2-85+LM+LOCK model covers plus size TV sets.

Maximum safety is achieved in closed position with the electric safety locking system. Its silent operation and smooth motion make this series an elegant and reliable solution!



## Technical details

| Model | FPLCV2-85+LM+LOCK |
|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1930x1100x90mm |
| Maximum load (flat panel+ceiling cover) | 75kg |
| Lift dimensions (WxHxD) | 2360x300x1560mm |
| Vertical lowering distance up to | 655mm |
| Mounting TV hole pattern (vesa) | 800x400mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white |
| Power supply | 110-230VAC-50/60Hz |
| Standard control option | dry contacts control box |
| Optional controls | RF remote control, RS 232 or 485 ports |

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# Flat panel Ceiling Lifts

## FPLC V2 +R+LM+LOCK series

The FPLC V2 +R+LM+LOCK series of flat panel ceiling lift mechanisms combines rotation and vertical lowering motion, presenting a unique solution for high end, demanding installations!
FPLC V2 +R+LM+LOCK models provide swiveling at 90 degrees from ceiling, full vertical lowering motion and rotation ability up to ±180degrees (full rotation to both directions)! Optionally they can be equipped with electric tilt ability. Maximum safety is achieved in closed position with the electric safety locking system.

### Technical details

| Model | FPLCV2-42-50+R+LM+LOCK | FPLCV2-52-65+R+LM+LOCK |
|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1280x755x90mm | ≤ 1500x925x90mm |
| Maximum load (flat panel+ceiling cover) | 45kg | |
| Lift dimensions (WxHxD) excluding control box | 1610x300x1485mm | 1835x300x1650mm |
| Maximum swiveling angle | 90degrees | |
| Vertical lowering motion | 795mm | 960mm |
| Rotation ability | ±180degrees both ways : 180° CW & 180° CCW | |
| Mounting flat panel holes pattern up to | 800x400mm | 800x600mm |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white | |
| Power supply | 110-230VAC-50/60Hz | |
| Standard control option | dry contacts control box | |
| Optional controls | RF remote control, RS 232 or 485 ports | |

# Flat panel Ceiling Lifts for XL size TVs

## FPLC V2-90+R+LM+LOCK model

Sensitive to the changes in market needs, Unitech Systems transforms the customized solutions for big TVs in a new standard model of TV ceiling lift: the new FPLCV2+R+LM+LOCK-90, suitable for TVs between 75"-90". Silent, safe & ready to install, this new heavy duty ceiling lift, offers a complete set of functions:

√ vertical lowering motion
√ bi-directional rotation ±180°
√ ensuring maximum safety in closed position
√ optional electric tilt ability up to 20degrees for the TV

The lift's solid & firm construction provides maximum duration in time & safety in installation, in addition to its excellent utility!

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### Technical details

| Model | FPLCV2-90+R+LM+LOCK |
|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 2060x1215x120mm |
| Maximum load (flat panel+ceiling cover) | TV weight ≤ 65kg<br>ceiling cover weight ≤ 30kg |
| Lift dimensions (WxHxD) | 2801x395x2215mm |
| Maximum swiveling angle | 90degrees |
| Mounting TV hole pattern (vesa) | adjustable |
| TV bi-directional rotation | ± 180degrees |
| Standard color of metallic parts | powder coating in RAL 9005 black or RAL 9016 white |
| Power supply | 110-230VAC-50/60Hz |
| Standard control option | dry contacts control box |
| Optional controls | RF remote control, RS 232 or 485 ports |
| Optional features | Electric tilt feature, for tilt up to 20degrees |

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# Flat panel Wall/Ceiling Lifts

A yet innovating series of products, combining highly reliable operation, easy installation and safety in use!

The wall series of Unitech Systems' lifts can be easily installed on wall or from ceiling, multiplying the provided solutions to interior designers' needs.



**FPLW V1 series**

FPLW V1 series of wall or ceiling mounted lifts guarantee optimal utility with their smooth vertical motion.

**Technical details**

| Model | FPLW V1-600 | FPLW V1-700 | FPLW V1-800 | FPLW V1-900 |
|---|---|---|---|---|
| Vertical run length up to | 600mm | 700mm | 800mm | 900mm |
| Maximum load | 35kg | 40kg | 45kg | 50kg |
| Lift dimensions (WxHxD) | 893x606x115mm | 893x706x115mm | 893x806x115mm | 893x906x115mm |
| Lift weight | ~25kg | ~30kg | ~36kg | ~42kg |
| Mounting flat panel hole patterns | 820x485mm | 820x585mm | 820x735mm | 820x735mm |
| Cable management system | ✓ | | | |
| Standard color of metallic parts | RAL 9005 black | | | |
| Power supply | wire control at 230VAC-50/60Hz | | | |
| Optional controls | RF remote control, dry contacts | | | |

# Panel Mechanism & Flat panel Floor/Furniture Lift

New ideas, driven from clients' requests!

The new panel extension mechanism, PA-WLH series, designed by Unitech Systems, provides horizontal extension from wall or furniture surface level up to 300mm, giving the ability for your flat panel to appear from inside the wall!

Combined with FPLTS flat panel floor/furniture lifts, with FPTLSR flat panel floor/furniture lift with side rotation, or with FPLWV1 series of vertical lifts, PA-WLH series provide complete disappearing of your flat panel with no compromises in their utility!

products for flat panels

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# Flat panel Table/Furniture Lifts

Reliable operation and easy installation are some of the features that make Unitech Systems' table/furniture lift mechanisms the best choice!



## FPLT S V2 series

FPLT S V2 series of flat panel table/furniture lift mechanisms is characterized by slim profile and smooth motion. Including a big number of models, it covers all sizes of flat panels on a best cost basis!

### Technical details

| Model | FPLT S V2-500 | FPLT S V2-600 | FPLT S V2-700 | FPLT S V2-800 | FPLT S V2-900 | FPLT S V2-1100 |
|---|---|---|---|---|---|---|
| Maximum elevation height (flat panel height + furniture cover pitch) | ≤ 460mm | ≤ 560mm | ≤ 660mm | ≤ 760mm | ≤ 860mm | ≤ 1050mm |
| Maximum load (flat panel+furniture cover) | 25kg | 35kg | 35kg | 45kg | 45kg | 45kg |
| Lift dimensions (HxD) | 510x90mm | 610x90mm | 710x90mm | 810x90mm | 910x90mm | 1110X90mm |
| Lift width (including cable chain) | 676mm | 810mm | 810mm | 857mm | 857mm | 857mm |
| Lift weight | 21kg | 22kg | 24kg | 27kg | 30kg | 40kg |
| Mounting flat panel hole pattern up to | 600x350mm | 620x400mm | 620x540mm | 720x610mm | 720x750mm | 720X820mm |
| Cable management system | ✓ | | | | | |
| Standard color of metallic parts | RAL 9005 black | | | | | |
| Power supply | wire control at 230VAC-50/60Hz | | | | | |
| Optional controls | RF remote control, dry contacts | | | | | |

# Flat Panel Table/Floor/Furniture Lifts

The most reliable solution for demanding applications involving big size or heavy weight TV sets, is Unitech Systems' heavy duty FPLT-HD-V1 series of floor/furniture lifts!



## FPLT-HD-V1 series

FPLT-HD-V1 series of flat panel pop-up lifts is characterized by firm construction, easy installation and smooth motion. Easily adapted in specific demands, it can cover most client needs!

### Technical details

| Model | FPLT-HD-V1-1100 | FPLT-HD-V1-1200 | FPLT-HD-V1-1200 |
|---|---|---|---|
| Lift dimensions (WxD) | 725x270mm | | |
| Vertical motion up to (includes TV height+furniture cover pitch+spare air above and below) | 800mm | 1000mm | 1200mm |
| Lift height (/raised height) | 1070mm (/1870mm) | 1270mm (/2270mm) | 1470mm (/2670mm) |
| Maximum load capacity (≥ flat panel + furniture cover) | 80kg | | |
| Cable management system | ✓ | | |
| Standard color of metallic parts | powder coating in RAL 9005 black | | |
| Power supply | wire control at 230VAC-50/60Hz with dry contacts | | |
| Standard control option | Dry contacts multi pin connector | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

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## FPLTSR V5.3 side rotation

FPLTSR V5.3 series is completed with a group of models that combines vertical elevation with side rotation (left or right to be determined at order confirmation) providing a full coverage of clients' needs.

**Technical details**

| Model | FPLTSR V5.3-700 | FPLTSR V5.3-800 | FPLTSR V5.3-900 |
|---|---|---|---|
| Maximum elevation height (flat panel height + furniture cover pitch) | ≤ 650mm | ≤ 750mm | ≤ 850mm |
| Maximum load (flat panel+furniture cover) | 35kg | 35kg | 45kg |
| Automatic side rotation up to | 90degrees | | |
| Lift dimensions (HxD) | 725x240mm | 825x240mm | 925x240mm |
| Mounting flat panel hole pattern up to | 600x400mm | 800x400mm | |
| Cable management system | ✓ | | |
| Standard color of metallic parts | RAL 9005 black | | |
| Power supply | wire control at 230VAC-50/60Hz with dry contacts | | |
| Optional controls | RF remote control | | |

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## FPLTR V3 series

FPLTR V3 series provides vertical rising from inside furniture and after ful rising is completed, the flat panel has the ability to fully rotated up until 300degrees and backwards.

Smooth motion, excellent stability, firm construction and ease of application are the main characteristics of FPLTRV3series.

**Technical details**

| Model | FPLTR V3-600 | FPLTR V3-700 | FPLTR V3-800 | FPLTR V3-900 |
|---|---|---|---|---|
| Maximum elevation height (including furniture cover pitch) | ≤ 600mm | ≤ 700mm | ≤ 800mm | ≤910mm |
| Maximum load (flat panel+furniture cover) | 25kg | 30kg | 35kg | 35kg |
| Automatic side rotation up to | 300degrees | | | |
| Maximum flat panel dimensions (WxHxD) | 1130x550x110mm | 1230x650x110mm | 1330x750x110mm | 1500x850x110mm |
| Lift dimensions (WxHxD) | 1315x800x260mm | 1415x900x260mm | 1515x1000x260mm | 1700x1120x260mm |
| Cable management system | ✓ | | | |
| Standard color of metallic parts | RAL 9005 black | | | |
| Power supply | wire control at 230VAC-50/60Hz with dry contacts | | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | | |

### FPLT V2 series

The unique FPLT V2 series of  at panel table/furniture lift mechanisms is the innovating answer of Unitech Systems to its client needs!

Characterized by heavy duty and highly reliable construction, FPLT V2 series of mechanism bring new solutions in interior design needs. With the use of an FPLT V2 lift, a simple coffee table or a couch will be converted to a smart TV solution!

**FPLT V2**

FPLT V2 models with simple swiveling up to 100 degrees:

### Technical details

| Model | FPLT V2 30-40 | FPLT V2 42-50 | FPLT V2 52-60 |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x620x100mm | ≤ 1280x756x100mm | ≤ 1480x900x100mm |
| Maximum load (flat panel+ceiling cover) | 35kg | 40kg | 45kg |
| Lift dimensions (WxHxD) | 1366x250x804mm | 1621x250x940mm | 1821x250x1084mm |
| Maximum swiveling angle | 100degrees | | |
| Mounting flat panel hole pattern up to | 600x400mm | 800x400mm | 800x600mm |
| Cable management system | ✓ | | |
| Standard color of metallic parts | RAL 9005 black | | |
| Power supply | 110-230VAC-50/60Hz with dry contacts | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

**FPLT V2-500 (350)**

FPLT V2-500 (350) models with simple swiveling up to 90 degrees and vertical elevation up to 500mm:

### Technical details

| Model | FPLT V2-350 30-40 | FPLT V2-500 42-50 | FPLT V2-500 52-60 |
|---|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 1025x620x100mm | ≤ 1280x756x100mm | ≤ 1480x900x100mm |
| Maximum load (flat panel+ceiling cover) | 35kg | 40kg | 45kg |
| Lift dimensions (WxHxD) | 1366x250x804mm | 1621x250x940mm | 1821x250x1084mm |
| Maximum swiveling angle | 90degrees | | |
| Vertical elevation up to | 350mm | 500mm | |
| Mounting flat panel hole pattern up to | 600x400mm | 800x400mm | 800x600mm |
| Cable management system | ✓ | | |
| Standard color of metallic parts | RAL 9005 black | | |
| Power supply | 110-230VAC-50/60Hz with dry contacts | | |
| Optional controls | RF remote control, RS 232 or 485 ports | | |

# Flat panel Table/Furniture Lifts



## FPLT V6 series

FPLT V6 series of monitor table/furniture lift mechanisms is an easily installed smart solution for embedding monitors up to 30'' inside furniture.



## Technical details

| Model | FPLT V6-500 | FPLT V6-600 |
|---|---|---|
| Maximum flat panel dimensions (WxHxD) | ≤ 515x430x73mm | ≤ 665x530x73mm |
| Maximum elevation height (flat panel height + furniture cover pitch) | ≤ 430mm | ≤ 530mm |
| Maximum load (flat panel+furniture cover) | 10kg | 20kg |
| Lift dimensions (WxHxD) | 650x550x157mm | 800x650x157mm |
| Mounting flat panel hole patterns | 50x50mm, 75x75mm, 100x100mm & 200x200mm & 300x200mm | |
| Cable management system | ✓ | |
| Standard color of metallic parts | RAL 9005 black | |
| Power supply | wire control at 230VAC-50/60Hz | |
| Optional controls | RF remote control, dry contacts | |

# Flat Panel Wall Mounts

Unitech Systems is constantly enriching its mounting solutions, providing both manual and electric wall mounts for flat panels, with unique features and excellent utility!

Mounts that allow you to view your TV from the room next door!



## Technical details

| Model | FPWMRTV1.4-400 | FPWMRTV1.4-500 | FPWMRTV1.4-600 | FPWMR-MV7 | FPWMR-MV8 |
|---|---|---|---|---|---|
| Number of rotation axis | 2 | | | 1 | 2 |
| Arm bracket swiveling angle | up to 165 degrees | | | - | |
| Flat panel swiveling angle | up to 180 degrees | | | one way swivelling, up to 90 degrees | articulated swiveling up to 75 degrees, for maximim TV width 1550mm |
| Maximum load capacity | 50kg | 50kg | 40kg | 80kg | 50kg |
| Mounting flat panel hole pattern up to | 670x440mm | | | 100x100mm - 600x400mm | 200x200mm 300x300mm 400x400mm |
| Manual extension from wall | 965mm | 1165mm | 1350mm | - | |
| Cable management system | ✓ | | | | |
| Standard color of metallic parts | RAL 9005 black | | | | |
| Operation / Power supply | manual | | | dry contacts / 230VAC-50/60Hz | dry contacts / 230VAC-50/60Hz |
| Optional controls | - | | | RF remote control, RS232/485 | |

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# Flat panel Floor Stands

## FPFS series

Unitech Systems has a big variety of flat panel floor stand models, giving answers to various professional or home environment needs. Each model brings added value to the end user, with unique features such as telescopic height adjustment at any intermediate point with no step by step restriction, easy change of set up, use of elegant stainless steel vertical brackets, optional features, etc.

With modular set up, various optional accessories (shelves, camera brackets, wheels, etc) and multiple universal mounts for flat panels with different features, the FPFS models designed by Unitech Systems give elegant solutions for all kind of applications.



# Anti-Vibration Rack systems



## Features

- The innovating design of this series, allows the firm installment of the racks, protecting at the same time the equipment mounted in them by reducing at minimum the vibrations transmitted from the rack's body to the equipment. This is achieved with the use of double rack module (box in the box) and the use of anti-shock accessories.
- The AntiVibration features can be adjusted according to the weight of the equipment installed in the rack, providing this way the maximum resistance in vibration transmission possible.
- The AntiVibration 19" Rack series is ideal for use in multi vibration environment, such as ships and general marine applications, automobiles, airplanes, mobile operation centers, etc, where vibrations can be destructive for sensitive equipment (e.g. servers, etc).
- Standard dimensions for this series of racks include: 15U, 27U, 32U and 42U, with nominal depth 600 & 1000mm.
- AntiVibration 19" Racks can be assembled in banks and can be accompanied by several accessories like doors, side covers, roof ventilation, telescopic shelves, etc.
- The doors of AntiVibration 19" Rack series are designed in such a way so that the user can have visual contact with the inside of the racks.
- An innovating feature of the new AntiVibration 19" rack series, exclusively designed by **Unitech Systems**, is the air fans on the front door, which allow the equipment that need air flow from their front side to be adequately ventilated.
- The new AntiVibration 19" rack is accompanied by a digital temperature controller at the front side, which displays the temperature inside the rack and has two independent signal controls that can be used for alarm, secondary ventilation system start, etc.

## Accessories

-Blank panels (1U, 2U, 3U, 4U and 6U)

-Shelves 19" (1U, 2U, 3U and 4U)

-Telescopic shelves 19" (1U, 2U and 3U) with telescopic run 400mm and 700mm.

-Drawers 19" (1U, 2U and 3U)

-Telescopic shelve for 17" monitor and mini keyboard.

-Set of wheels (turned and with break).

-Various accessories like multi sockets, screws, grills of cables, etc.

## Customized Solutions

The strong designing team of Unitech Systems provides its clients the ability to realize their dream plans!

Outdoor lift & screen mechanism for private cinema theater.

## Customized Solutions

Specialization and experience provide Unitech Systems' clients with solutions for every need, for professional or home applications!

Customized pop up lifts

Wine cellar lift

Foldable tables on pool glass cover

Bespoke designs for panels and boxes

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