Assembly Instructions

LGM 2.0 TV - TILT UP TABLE / FREESTANDING TABLE
**WARNING**

**READ CAREFULLY BEFORE BEGINNING INSTALLATION. IMPROPER INSTALLATION OF THE PRODUCT MAY CAUSE SERIOUS INJURY. KEEP THIS INFORMATION FOR FUTURE REFERENCE**

- Installation or any further adjustments must be performed by a licensed contractor or a trained professional, who will ensure proper assembly and installation.
- Installation must be performed by at least 2 people.
- Improper installation of this product can cause serious or fatal injury. Improper installation may result in permanent damage to the bed.
- The wall bed must be secured to the wall in FOUR locations using appropriate hardware. The contractor or installer must select the proper anchoring hardware based on the wall material. It is necessary to ensure that wall anchors of the bed can withstand forces generated. The value of the holding power (Fh) of each anchor should be 630 Newtons (142 lbf).
- All hardware must be properly tightened. No parts of the model should be left loose or unstable.
- In case of re-assembly or re-installation of the product, DO NOT USE the same holes drilled for original installation. Rather, the anchors, plates and plugs selected by the re-installer must be placed in a different, secure position. Never remove wall attachment screws without first removing the mattress, bed frame and hydraulics/pistons.
- It is the owner’s responsibility to periodically inspect the bed to make sure that the anchors are strong and show no signs of weakening (for example if you feel that the anchor screws are moving when pulling on the cabinet of the bed). Do not use the wall bed if the cabinet moves and do not open the bed if you are not sure that it is securely attached to the wall, because it could tip over causing serious injuries. When in doubt about the anchoring, please stop using the bed immediately and have it inspected by a professional.
- It is recommended to assess the structural integrity of the floor and wall to make sure that the wall anchoring devices can withstand the forces generated. More specifically, before installing the wall bed, it is necessary to verify that the floor and the wall on which you want to install the bed are flat and have no structural damage that could affect the installation of the wall bed or its anchoring to the wall. Do not install the bed on weakened or rotten structures.

Warranties for all products purchased from Resource Furniture, LLC are only valid if the product has been properly assembled, installed by a trained professional, and operated in accordance with the assembly instructions. Resource Furniture accepts no responsibility for any damage or injury caused by Improper Installation.
LGM 2.0 TV OVERVIEW

GENERAL TECHNICAL INFORMATION

LGM 2.0 TV is a rotating wall bed featuring shelving, space for a TV and optional fixed or freestanding table on the front and a fold-down queen bed on the back. The hinged bed mechanism uses gas springs to assist in folding the bed up and down. The slatted bed base is equipped with integrated nightstands that open with a simple push of a touch latch. Available with optional integrated LED lights and USB ports. This transformable piece of furniture can be ordered alone or paired with any of our modular boiserie panels, cabinets, or closets to create a unique storage wall, perfect for any study or guest room.

Rotating element: provided with bar for upper and lower locking, for the line-up of the front.

Table: cm W155 x D 66 x H 72/74. – W 61” x D 26” x H 28 3/8” / 29 3/8”

Bed base: iron tubular, epoxy powder coating, bentwood multilayer beech slats fixed to the frame with nylon/rubber caps, height adjustable feet. Slatted bed base Kg 35/77lbs.

Structure: in wood, in the several available finishes, with adjustable nylon feet.

Mattress: cm 150x195x18/59”x 77” x 7” – weight Kg 29-32/64-70lbs.

Belts: adjustable nylon belts to hold mattress, with black nylon release buckles.

Maximum liftable load: (including mattress and covers set): kg 70/154lbs

Load for each shelf: Kg 10/22lbs equally distributed.
LGM 2.0 TV OVERVIEW - MAIN COMPONENTS
**LGM 2.0 TV LED LIGHTS**

**LED LIGHTING**
Integrated in the side panel of the wallbed, with opaline polycarbonate cover, in compliance with EN62471 regulation, belonging to “risk free” category, maximum safety warranty with no limit.
LED 3000°k 1,43 W IP40 108/118 Lm/W EEC A+ / Dimensions : mm W 12 x D 1 x H 200 / W 3/8” x D 3/8”x H 8”

**TECHNICAL FEATURES OF HINGED FOLD-DOWN TABLE (optional)**
Fold-down desk provided with legs to be closed through gas springs. Payload : 35/77lbs kgs evenly distributed.

**TECHNICAL FEATURES OF FREESTANDING FOLD-DOWN TABLE (optional)**
Fold-down desk provided with metal legs to be closed through gas springs, unlocking mechanism with an integrated safety device.
Payload : 35 kgs / 77lbs evenly distributed.

**Note:** Cannot be installed on carpets or area rugs, if using an area rug it should be placed a minimum of 18 1/2” from front edge of the LGM.
LGM 2.0 TV HARDWARE

A  X 8

B  X 8

C  3,5x30  X 26

D  8x30  X 8

E  X 4

F  4x20  X 16

LGM 2.0 TV TOOLS

2 PEOPLE REQUIRED
STRUCTURE ASSEMBLY
Suggested location for electric receptacle

Electric receptacles **CANNOT** be placed in side the area of the bed & mattress due to fire hazard issues. The receptacle should be mounted horizontally with the bottom of the receptacle faceplate at 86” from the floor.

- 1 duplex outlet needed when only USB, LED, or LED w/ TV
- 2 duplex outlets needed when USB is combined with another powered feature
WALL ANCHORING INSTRUCTIONS

Caution: Carefully read page 11-15 before anchoring the bed to the wall.

It is compulsory to fasten the product to intact and strong walls, by no less than 4 fixing points, as well as to place it on leveled floors.
WALL ANCHORING INSTRUCTIONS

After the unit is level and plumb it must be securely attached to the wall using the metal angle mounting brackets as shown in the images below. A proper wall anchor suitable for the wall's construction must be selected by the contractor or installer.
For 1/2” and 5/8” thick sheetrock it is recommended to use (4) 3/16 strap toggles.

1. Using a 1/2” (13 mm) diameter metal bit, drill into the drywall.

2. Slide the metal channel of the anchor through the hole in the wall, hold the straps together and pull toward you until the channel rests behind the wall. Slide the cap along the straps until it is flush with the wall. Snap off the straps.

3. Insert the screw 3/16” X APPROPRIATE LENGTH into the hole and fasten the screw until the metal angle bracket is pulled snug against the wall.
METAL STUDS: OPTIONAL

WALL ANCHORING INSTRUCTIONS

Using a 1/2" (13 mm) diameter metal bit, drill into the drywall and the metal studs.

Slide the metal channel of the anchor through the hole in the wall, hold the straps together and pull toward you until the channel rests behind the wall. Slide the cap along the straps until it is flush with the wall. Snap off the straps.

Insert the screw 3/16" X APPROPRIATE LENGTH into the hole and fasten the screw until the metal angle bracket is pulled snug against the wall.
WALL ANCHORING INSTRUCTIONS
WOOD STUDS

Put the wood screws #10 x 3 1/2” (89 mm) through the holes of the wall bracket and screw into the center of the studs until the wall bracket is pulled tight against the wall.

For any other wall materials please reach out to Resource Furniture.
ASSEMBLY OF THE ROTATING STRUCTURE

2 PEOPLE REQUIRED
ASSEMBLY OF THE ROTATING STRUCTURE

Note: Place the two slats underneath the carriage to reduce movements.
ASSEMBLY OF THE ROTATING STRUCTURE

Note: Carefully drive bolts “I” into the bottom of the shelf. Do not overtighten as this may cause damage.
ASSEMBLY OF THE ROTATING STRUCTURE

16

17

18
ASSEMBLY OF THE ROTATING STRUCTURE

19

20

21
ASSEMBLY OF THE ROTATING STRUCTURE

22

23

24
ASSEMBLY OF THE ROTATING STRUCTURE

The lower exposed end of the extension cord should be about 24" long, to have flexibility to plug in the TV or other devices.

Note:
It is recommended to install the power cord for the TV at this stage of the assembly. The power cord should be at least 12ft in length, and the head of the extension cord must be removed in order to run it through the wire channel.

LED Alimentatore / Power supply

WIRE CHANNEL
ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE

28

29
ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE
ASSEMBLY OF THE ROTATING STRUCTURE

34

35

36

37
ASSEMBLY OF THE ROTATING STRUCTURE

38

39

down

remove
SHELF ASSEMBLY

R X 12
S 4x20 X 48
T D7X35 M6 X 6
U D10X21 M6 X 6
V M6X10 X 6
W D10X3 X 6

Y 3X12 X 2
Z 3X12 X 2

Optional 28
If tilt up table is included, use the shelf provided with specific fixing hardware. Shelf depth 9 3/4"/250mm

If freestanding table is included, use the narrow shelf. Shelf depth 8 1/4"/210mm
BED BASE ASSEMBLY

A

B

C

D

X 1

X 1

X 16

X 3

4x20
BED BASE ASSEMBLY

3

C x2
CONNECTING THE PISTONS TO THE BED BASE

4

5
OPENING THE BED BASE FOR THE FIRST TIME
WITHOUT THE MATTRESS

6
To lift down the bed base, grab the leg in the middle.

Opening by handle (optional)

7
The bed will not stay down without the weight of the mattress!
PLACING THE MATTRESS

Open the bed to place the mattress and fix it with the straps.

29-32kg/64-70lbs
INSTALLING THE HEADBOARD

9
Clean and dry the surface

10
Remove
TESTING THE ROTATION OF THE BED & ADJUSTING THE WHEELS

- Adjust roller so it moves freely through bed rotation
- with rotation unlock
TESTING THE ROTATION OF THE BED & ADJUSTING THE WHEELS

Pre-set height. Adjust only if necessary.
OPTIONAL TILT UP TABLE
OPTIONAL TILT UP TABLE ASSEMBLY

A  X 1

B  X 1

C  4x20  X 16

D  X 3
OPTIONAL TILT UP TABLE ASSEMBLY

3
OPTIONAL TILT UP TABLE ASSEMBLY
OPTIONAL FREESTANDING TABLE
OPTIONAL FREESTANDING TABLE

A X 1
B X 1
C 4x20 X 14
OPTIONAL FREESTANDING TABLE
OPTIONAL FREESTANDING TABLE

2

Left & Right

3

Safety locking system
SX+DX
Follow with care all points of the assembly procedure, as per technical sheets and their sequence showed in the following pages, and all the safety rules indicated.

It is compulsory to fasten the product to intact and strong walls, by not less than 4 fixing points, and place it on perfectly levelled floors.

A hardware kit for assembly is supplied, but it does not include plugs for anchoring product to wall, because, to guarantee safety, they must be provided by the installer according to the kind of wall where the product is fixed to, and that manufacturer unknows.

Installer is responsible for workmanlike assembly and test of the product.

Installation must be fulfilled by professional and skilled workers; we suggest installer to previously inspect the status of the wall where the product will be fixed to.

An incorrect installation may cause incidents and injuries to the final user. Clei is not responsible for any possible alterations, tempering and changes on the transforming system by third parties. Clei refuses any kind of responsibility for improper use of this transforming system like incorrect handling, as well as for any kind of incompetence and negligence by installer and final user.

When the transforming system is combined in a composition with cabinets, wardrobes, storage units or bookcases, these elements must be anchored to wall by an independent fastening respect to the one of the transforming system.

In case of re-assembly of the product, it is not possible to use the same holes drilled for the original installation. As a result, it is compulsory to place the plates and the plugs selected and used by the installer in a different position.

CLEI REFUSES ANY KIND OF RESPONSIBILITY FOR ASSEMBLIES NON-COMPLIANT TO THE INSTRUCTIONS AND PROCEDURES DESCRIBED IN THE PRESENT ASSEMBLY MANUAL.
Attention to environmental issues and therefore our commitment to green design are our organization’s competitive advantages. We design and make our products choosing materials that have a low impact on the environment and bearing in mind methods for reducing consumption of materials and waste as well as energy savings. All the products in our collections, therefore, provide for use of CARB2 certified eco-panels, with laser welded edges that are thus without glue, and water-based paints that reduce emissions of harmful substances by 95% compared to solvent-based paints. Ecology and safety guide our choices. All our suppliers are also involved in this policy, with a view to extending the useful life of our products, reducing consumption and increasing environmental quality.

**CARB2**
Clei uses CARB2 certified panels with extremely low emissions of formaldehyde. The specific E-LE classification guarantees that the formaldehyde content is limited to the quantity naturally contained in wood.

**WATER-BASED PAINTS**
Clei uses only water-based paints that drastically cut emissions of VOCs (Volatile Organic Compounds) as compared to solvent-based paints. Additionally, water-based paints are odourless, non-flammable and have very low toxicity.
Water-based paints conform to the safety standards of furnishing articles and to the directives concerning toys EN 71.3, in other words materials that may occasionally come into contact with children’s mouths.

**CARBON FOOTPRINT**
The “Carbon footprint” of a company is its ecological profile, that is the environmental impact that can be attributed to the products that it offers on the market. Environmental impact can be measured by assessing factors such as intelligent use of resources, how recyclable they are, and how long the finished products last.
Moreover, there is another factor that is set to become increasingly more important, and that is the reduction of living spaces.
While cities grow, apartments become smaller, and therefore both necessity and practical considerations make Clei transforming furniture ideal for making the most of small-sized housing structures.
It’s a simple equation: smaller sizes mean lower consumption of materials, and therefore a lower impact on the environment.

**100% MADE IN CLEI**
It’s very easy to say “Made in Italy”. But we can go further, proudly stating that our products are totally made in Clei.
This means absolute safety with regard to materials and the quality of processing. But also social strength and support with a guarantee of employment.