



# DECOFRAME AMBIANCE

MANUAL

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AV Stumpfl GmbH | Mitterweg 46 | 4702 Wallern  
AVstumpfl@AVstumpfl.com | www.AVstumpfl.com | +43 7249 42811

# GENERAL

## STANDARDS, REGULATIONS AND TECHNICAL SPECIFICATION

This projection screen is in accordance with the safety regulations in DIN standard 19045 and DIN 56950. The screen fabric is comply with DIN 4102 part 1 and the specifications of the according data sheet. For the technical details and projection-specific material parameters please refer to the corresponding product data sheet: [www.AVstumpfl.com/projectionmaterials](http://www.AVstumpfl.com/projectionmaterials)

Detailed data of frame components, legs and projection surface can be found on the type labels on each component and on the labeled soft bags, roller bags or flight cases.

## SAFETY

### GENERAL INFORMATION FOR THE MANUAL AND SAFETY

This operating manual forms part of the projection screen system and enables a safe and efficient operation. The safety section provides information about important safety aspects for the protection of persons, frame and projection materials. Task-related warnings/notes are also contained in the individual chapters. Read instructions through completely before proceeding and keep for future reference. You can find manuals electronically on our website: [www.AVstumpfl.com/downloads](http://www.AVstumpfl.com/downloads)

### PACKAGING MATERIAL

#### WARNING

Danger of suffocation!

- Keep packaging material and foils away from children.
- Do not let children play with packaging material.



#### NOTICE

Unpack without cutter or any other sharp tool to avoid damaging of the projection screen. Remove packaging materials by hand. Unpack projection surface after assembling of the frame.



## SET UP-ASSEMBLY

### MECHANICAL HAZARDS



Danger of injury due to improper assembly. Make sure all frame parts assembled correctly and all hinges and joints are locked before raising screen to standing position. Falling parts can cause severe injury or death!

### NOTICE

Projection surface damage in case of faulty assembly or set up. Make sure all frame parts assembled correctly and all hinges and joints are locked before one unfold and attach the projection surface.

### FRAME AND LEG COMPONENTS



**FRAME COMPONENTS**  
Plug-in connections can lead to injury to the hands (body parts). Please be careful not to pinch your fingers!



## FALLING OVER

### WARNING

Falling over of a projection screen can cause severe injury or death!

**⚠ WARNING**

DECOFRAME systems are developed for indoor use only.  
Failure to follow warning may result in personal injury due to unforeseen acts of nature.  
Any damage and consequential damage caused by outdoor use is not covered by warranty.

**BASIC SAFETY REQUIREMENTS**

Basic safety requirements for „flying“ projection screens and wall- or ceiling mounting!  
If persons are able to stand under the loads, fastening points and slings must not be loaded more than half the value of the load bearing capacity stated by the manufacturer.  
When planning the event or production, not only dead loads but also dynamic forces, potential breakdown loads and additional loads during operation, as well as during assembly and dismantling must be taken into account.

Observe the local safety regulations!

**FLYING SCREEN**

If a modular projection screen is used as a “flying” (free hanging) screen, then all plug-in and clamp connections must be secured against becoming loose and falling.

It is not allowed to use the projection surface holding the frame parts in position!

Falling parts can cause severe injury or death!

Please make sure that all components are secured safely before raising screen to standing position and lifting. Use the necessary number of suspension points (e.g.: EasyFly) according to the overall system weight. A second/auxiliary safeguarding system is mandatory (e.g. steel rope catch)

Please follow the detailed instruction in the manual.

**⚠ WARNING**

**Falling  
parts**

It is not allowed to use the projection surface holding the frame parts in position! Falling projection screens or parts can cause severe injury or death!

**WALL MOUNTING**

Before mounting, make sure that the wall, as well as the fixing points meet the safety requirements of the local standards and the required load can be borne.

**⚠ WARNING**

**Falling  
parts**

Danger of injury due to improper disassembly.  
Falling parts can cause severe injury or death!

**⚠ CAUTION**

**Please be careful  
not to pinch  
your fingers!**

Beware of  
pinch points.

## DISASSEMBLY

For disassembly the same safety instructions apply as for assembly and set up. Bring down a projection screen with the appropriate number of people to avoid falling over of the screen.

### **WARNING**

Falling parts can cause severe injury or death!



**Falling  
parts**

## OPERATION, MAINTENANCE AND SERVICE

### FRAME ELEMENTS, LEGS AND ACCESSORIES

The frame elements, legs and additional elements are maintenance-free.

### PROJECTION SURFACE

The projection surface is packed into a separate cardboard box to avoid any damage by the frame parts, bleaching and discoloration.

### **NOTICE**

Additionally, following instructions have to be adhered to:

- Do not allow the projection surface to get in contact with sharp objects!
- Do not bring printed and coloring objects (instructions, magazines, etc.) in contact with the surface!
- Do not write on the projection surface!
- Colors penetrate the projection surface and cannot be cleaned anymore!
- Store the projection surface cleaned and dry at room temperature only!

### COLD BREAK

A projection foil must never be stored or transported below 5° C. There is a risk of a cold break! The film becomes very brittle and splinters like glass! When transporting the projection surface at low temperatures do not unfold the surface unless it has reached its full elasticity at room temperature. Otherwise there is the risk of cold break of the projection screen.

The ideal temperature range for assembling folding screens to prevent damaging the surface is 54°-82° F (12°-28° C). Assembling below recommended temperatures may damage surface and void warranty

### CLEANING OF THE PROJECTION SURFACE

Use a white clean cotton cloth saturated with clear water (optionally mild soap water) and gently wipe the area in one direction (no circular motion). Wipe dry with another cotton cloth.

To clean a stubborn stain, use methylated spirit and follow the same procedure.

Clean rear projection surfaces in case of imperative only!

# WARRANTY

The warranty period for production deficiencies is 5 years for the frame elements and 24 months for the projection surface.

## NOTICE

DECOFRAME is developed for indoor use only.

Any damage and consequential damage caused by outdoor use is not covered by warranty.

The general terms and conditions are available at [www.AVstumpfl.com/agb](http://www.AVstumpfl.com/agb)

## LIMITATION OF LIABILITY

All the details in this manual were compiled in consideration of the standards and legal regulations applicable at this time, as well as the experience of the manufacturer and qualified staff. The manufacturer accepts no liability for damage to persons or things (projection screen, other devices, goods, etc.) resulting from:

- Non-observance of the manual and the regulations/safety instructions contained therein.
- Failure to comply with the local safety regulations.
- Inappropriate use (misuse).
- Use of unauthorized and non-trained staff.
- Unauthorized equipment conversions and technical modifications by the operator himself.
- Use of spare parts not approved by the manufacturer.
- Typesetting and print errors.

Failure to observe the above points will invalidate the warranty claims.  
Technical specifications are subject to change without notice.

The local regulations and safety regulations and the essential safety requirements apply for the use of this projection screen.

## DISPOSAL

At the end of its lifetime this product must not be disposed of with normal household waste but needs to be taken to a collection site for recycling.

Separate disposal of the product makes an important contribution towards environmental protection.

Frame components are made of aluminum and steel. The projection material is PVC vinyl.

Contact your local disposal company for the address of a collection center.

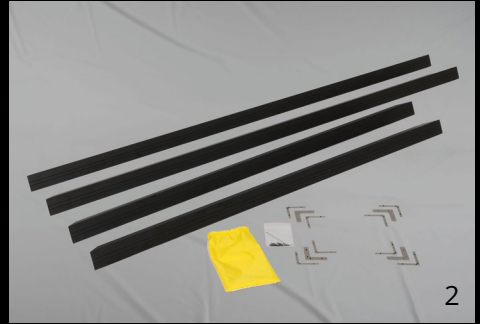
**SUBJECT TO MODIFICATIONS, ERRORS EXPECTED !**

# FRAME SET UP



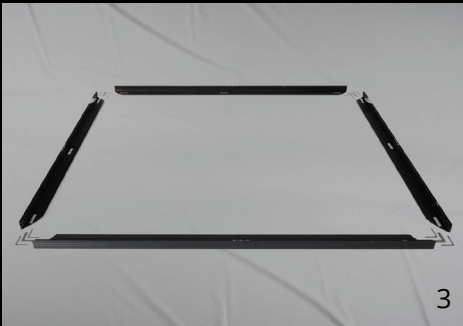
1

Frame elements and projection surface are delivered in cardboard boxes. Please mind the warnings on the packaging.



2

In case of more than four frame elements or center supports and horizontal strut elements. Please follow the instructions under point 22-32.



3

Place the underlay foil on the ground and lay out the frame elements according to the labeling as shown on the picture.



4

The corners are each connected with one big and two small angle brackets.



5

Slide in the angle brackets into the corresponding slots of the two to be connected frame elements.

**⚠ CAUTION** Beware of pinch points!



6

Put the frame elements together without a gap and fix them with the enclosed allen key at the hexagonal socket set screws.



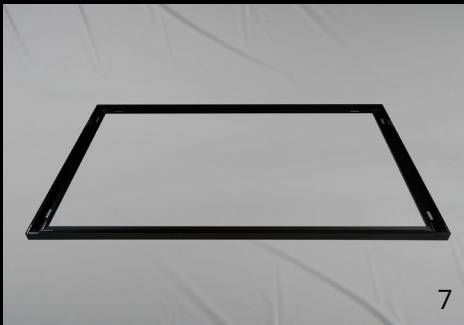
# MOUNTING

## NOTICE

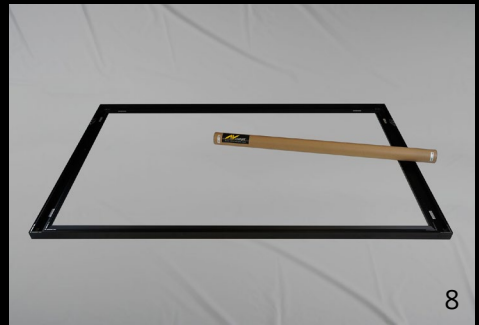
Highly sensitive projection surface!

Do NOT:

- touch without gloves
- raise the surface
- crease/fold



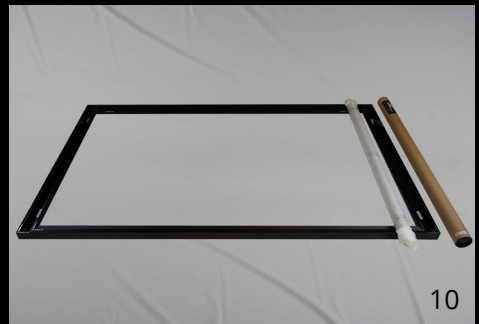
In case of center supports and horizontal struts we recommend to attach the projection surface first and then please follow the instructions under point 25-32.



Do not open the packaging of the surface before the assembly of the basic frame is finished to avoid damages of the surface by the sharp edges of the frame profiles.



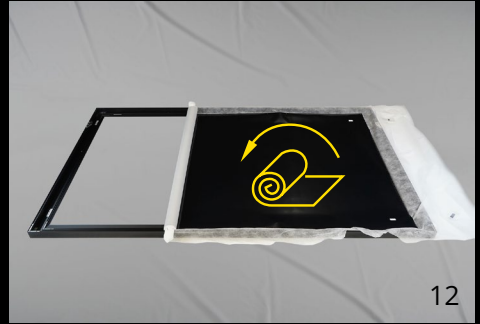
Unpack and mount the surface with the included white cotton gloves only!



Put the Ambiance Screen surface out of the cardboard box and place it on the right side of the screen. Take care that the ground is absolutely clean!



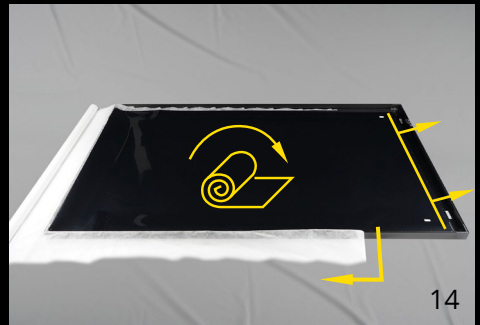
Ensure that the direction of the screen surface and the frame is matching.



Unwind the wrapped screen surface carefully.



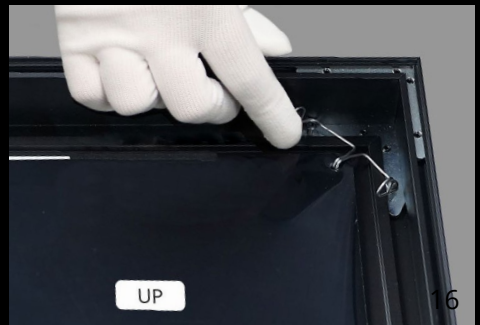
Position the screen centered in the frame and place the tube left below the frame.



Roll up the protection foam layer on the tube while keeping the screen surface positioned on the frame.



Do not lift the screen surface, as this can lead to damage.

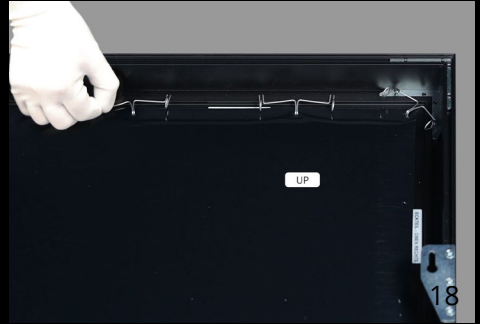


Use the four angle screen hooks to attach the corner of the screen surface to the frame.



17

Ensure that both ends are hooked into the screws.



18

Use the remaining screen hooks to fix the screen surface to the frame.



19

Ensure that both ends are hooked into the frame.



20

Install all screen hooks around the frame.



21

Your DECOFRAME Ambiance is ready for wall mounting.



22

**⚠ WARNING** Falling parts!

# CENTRE SUPPORT AND HORIZONTAL STRUT

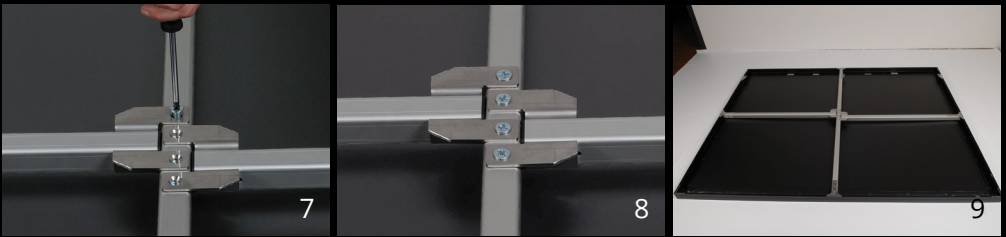


In case of divided profiles, linear connectors are used to join them. Slide in the connectors each half the length in the corresponding slots of the two to be connected frame elements. Put the profiles together without a gap and fix them with the enclosed allen key at the hexagon socket set screws.

**⚠ CAUTION** Beware of pinch points!



Center supports are mounted at the preinstalled connectors. Take off the screws and place the center support according to the pictures in the DecoFrame and secure it with the three phillips head countersunk screws.



Horizontal struts are mounted at the preinstalled connectors on the frame side and on the center supports at the M6 thread inserts with countersunk screws.



As an option with large DecoFrames additional small keyhole plates can be attached for wall mounting.