



MONOLYTE

INSTRUCTIONS FOR MOBILE UNIBODY
SCREEN SYSTEM MONOLYTE



MONOLYTE FRAME

with integrated legs



PROJECTION SCREEN BAG

lined storage bag for projection screen





SOFTBAG WITH WHEELS

padded , tearproof nylonbag
with wheels and carrying straps
small 128x25x30 cm
big 133x31x35 cm



MANUAL

SKIRT



INDEX

GENERAL..... 6

STANDARDS, REGULATIONS AND TECHNICAL SPECIFICATION 6

SAFETY..... 6

OPERATION, MAINTENANCE AND SERVICE 9

WARRANTY 10

FRAME SETUP 11

SURFACE AND SKIRT MOUNTING..... 13

DISMANTLING..... 13

ACCESSORIES..... 14

DECLARATION OF CONFORMITY 16

GENERAL

STANDARDS, REGULATIONS AND TECHNICAL SPECIFICATION

This projection screen is in accordance with the safety regulations in standard DIN 19045 and DIN 56950-4. The screen fabric is comply with DIN EN 13501-1 and/or 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 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**

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



Foldable snap joints, corner hinges and plug-in connections can lead to injury to the hands (body parts). Please be careful not to pinch your fingers!



FALLING OVER



Falling over of a projection screen can cause severe injury or death!
To avoid falling over:

- Make sure that the projection screen is in level.
- Mind the maximum set-up height of the legs - Please follow the instructions in chapter LEG HEIGHTS (site 14)
- Prevent air draft
- Use additional weights on the base profile of the leg to gain higher stability.
- Use suspension points (e.g.: EasyFly) according to the overall system weight for additional safeguarding.

Do not put additional load on the screen frame!
Do not use outdoors!

WARNING

Mobile projection screens 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- OR CEILING MOUNTING

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

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**

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.

OPERATION, MAINTENANCE AND SERVICE

FRAME ELEMENTS, LEGS AND ACCESSORIES

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

PROJECTION SURFACE

FOLDING

Identical to the delivery condition, first halve and fold the surface with the projection side inwards on the shorter side to avoid soiling and damage to the surface.

The surface must be folded in such a way that the reinforced black border with the caps line up on all sides. When folding the projection surface insert the enclosed foamed plastic foil between snap buttons and surface to avoid permanent marks.

STORAGE

The projection surface is packed into a separate lined soft bag to avoid any damage by the frame parts and environmental influences. Store the projection surface cleaned and dry at room temperatures between 10-25°C (50-77°F) and a humidity of 30-65%!

Incorrect storage can lead to severe surface shrinkage, sticky foils due to plasticizer release and discoloration of the projection surface and is excluded from warranty. At high temperatures, high humidity and long storage times, chemical reactions can cause a yellowish discoloration on the projection films, which is known as phenolic yellowing or storage yellowing.

To avoid storage yellowing and intense, irreversible folding marks, it is recommended to set up the projection screen with surface for several hours at least once a quarter.

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.

NOTICE

Additionally, following instructions have to be adhered to:

- Do not allow the projection surface to get in contact with sharp objects!
- Avoid UV-light and direct sunlight
- Do not bring printed and coloring objects (manuals, printed matter of all kinds, etc.) in contact with the surface!
- Do not write on the projection surface!
- Colors penetrate the projection surface and cannot be removed!

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 necessity only!

WARRANTY

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

NOTICE

Mobile projection screens are 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

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.

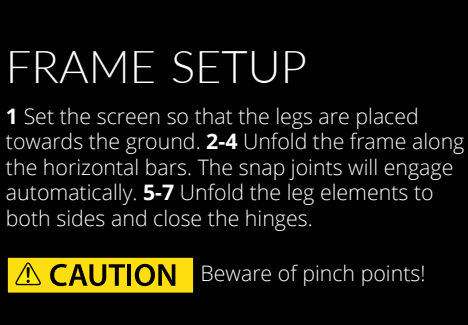
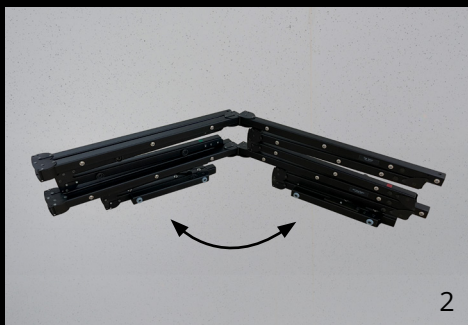
Failure to observe the above points will invalidate the warranty claims.
Technical specifications are subject to change without notice.

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 and legs are made of aluminum and steel.
The projection material is PVC vinyl.
Contact your local disposal company for the address of a collection center.

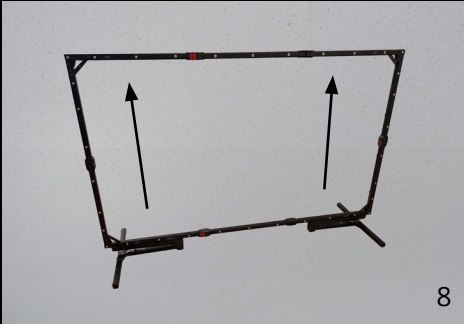
SUBJECT TO MODIFICATIONS, MAY CONTAIN ERRORS!



FRAME SETUP

1 Set the screen so that the legs are placed towards the ground. **2-4** Unfold the frame along the horizontal bars. The snap joints will engage automatically. **5-7** Unfold the leg elements to both sides and close the hinges.

 **CAUTION** Beware of pinch points!



8



9



10



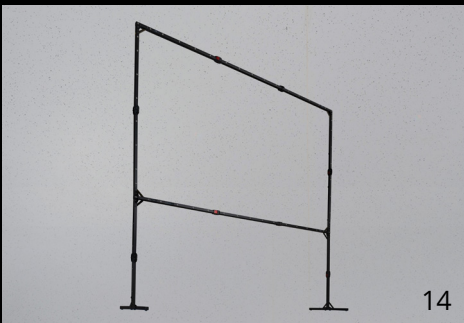
11



12




13




14

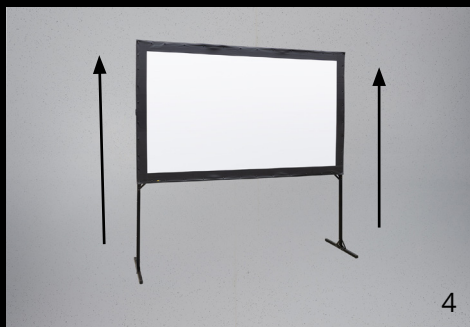
8-10 Raise the upper horizontal frame bar.
The snap joints will engage automatically.
11-12 Close the four corner hinges.

 **CAUTION** Beware of pinch points!

SURFACE AND SKIRT MOUNTING

1 Lay out the surface on the frame with the label „OBEN-TOP“ corresponding with the upper frame bar. **2-3** Attach the surface to the frame. Press on the projection surface by starting at one corner and fasten the buttons one by one. Please mind the instructions for projection surfaces in chapter OPERATION, MAINTENANCE and SERVICE. **4** Lift the screen to unfold the legs. The snap joints will engage automatically. **5-6** Secure the legs with the corner hinges on the backside of the frame. **7** Finally attach the drape along the double studs on the projection surface and along the lateral studs on the legs.

 **CAUTION** Beware of pinch points!

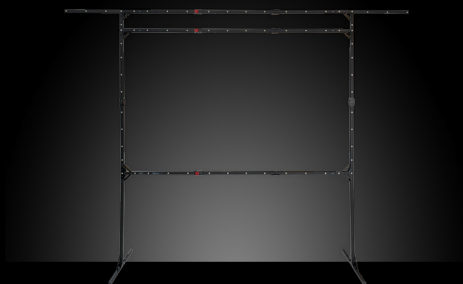




DISMANTLING

Follow the instruction in reverse order.

ACCESSORIES

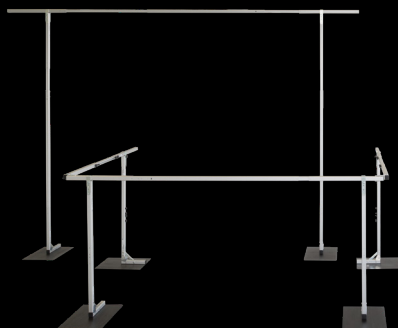


DRAPEKIT

To drape a projection screen with decoration curtains. Depending on requirements, various frame parts can be used to attach the drapes. Valance Bar (top drape), Wing Bar (left and right drape). Heavy drapes have to be attached after the set up to avoid damaging of frame parts!

DRAPE RUNOFF

This universal and transportable Drape System can be used as an independent partition, to mark out control areas or to allow flexible room design. A few elements combined with the telescopic system suffice to accomplish a variety of decorative purposes – no tools required. The decoration material is attached by Velcro fasteners.



SURFACE BAG FOR FOLDED SURFACES

The surface is shipped folded in special foam lined sheets which can be opened quick and easy using a zip fastener. The surface sheets feature a pocket for the type label, surface dimensions and the projection screen assembly guide.



TUBULAR SURFACE BAG

This tubular bag is the perfect way to transport your rolled up surfaces. It features a transparent side pocket for adding a type label that is used to display important product information like e.g. surface dimensions. The pocket can also hold the small screen assembly guide.

FRAME BAG

Padded, tear-resistant nylon bag with carrying strap

Small LxWxH 35,4"x10,6"x9,8" (90x27x25cm)
Big LxWxH 40"x10,6"x9,8" (102x27x25cm)



FLIGHT CASE

Sturdy, stackable transport cases with rollers for all mobile projection screens.

Small LxWxH 48,5"x15"x13,5" (123x38x34cm)
Big LxWxH 53"x15"x14,5" (134x38x37cm)



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Declaration of Conformity

for product lines named as follows

MONOBLOX 32

MONOBLOX 64

MONOCLIP 32

MONOCLIP 64

MONOLYTE

VARIO 32

VARIO 64

VARIOCLIP 64

DECOFRAME

FULLWHITE

VARIO CURVE

FULLWHITE CURVE

ANYSHAPE

DESERTSCREEN

DRAPE RUNOFF

DRAPE KIT

We declare that these products are in accordance with the standards and provisions of the applicable directives.

EUROPEAN STANDARDS:

DIN 56950-4

Entertainment technology- Machinery installations-
Part 4: Safety requirements for serially manufactured projection screens

DIN EN 13501-1

Fire classification of construction products and building elements -
Part 1: Classification using data from reaction to fire tests

DIN 19045

Projection of still pictures and motion-pictures

A handwritten signature in black ink, appearing to read 'Tobias Stumpfl'.

Tobias Stumpfl, CEO



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UK AND EUROPEAN STANDARDS:

Statutory guidance The Supply of Machinery (Safety) Regulations 2008, Updated 26 July 2022

DIN 56950-4 Entertainment technology - Machinery installations -
Part 4: Safety requirements for serially manufactured projection screens

BS 13501-1 Fire classification of construction products and building elements
Part 1: Classification using data from reaction to fire tests

DIN 19045 Projection of still pictures and motion-pictures

Tobias Stumpfl, CEO

NOTES

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