



# AIRBRUSH SYSTEM FOR GUNDAM MARKER

## User's Guide

### Connection with a linear compressor

The Gundam Marker Air Brush System can be connected with Mr. Linear Compressor L5/L7, L3/L3 Black.

Note: When you use L3/L3 Black for the Gundam Marker, paint droplets tend to be larger due to the air pressure. If you would like to have a more beautiful finish, we recommend using L5/L7. Please note that COMPRESSOR CUTE cannot be used for the Gundam Marker.



WARNING

MR.AIR SUPER190 / Air cartidge



1. This easily catches fire because it contains an inflammable gas/ DME.
2. This may explode if placed where the temperature exceeds 40°C or is put into a fire.

## Notes

- Please read the instructions carefully before using Gundam marker air brush.
- Do not spray on people or animals.
- Keep out the reach of children .
- Use only for intended purpose.

- Keep away from heat sources and ventilate the work area.



- Secure ventilation during coating and/or drying to avoid inhalation of vapor and/or mist.



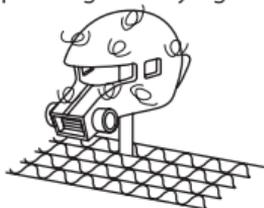
- Avoid painting on rainy days, high humidity days, windy days.



- Let's devise a way to prevent the mist of paint from diffusing around.



- Let's prevent dust from adhering during painting and drying.



- Do not touch until paint dries.



## Attention to handling of air cartridges !

- Never lay down the air cartridges during painting.  
Liquid gas leaks, causing equipment malfunction and frostbite.



## Tools to prepare before painting

- For body protection



Mask  
and Goggles  
Glove

- For Cleaning



Tissue  
Waste

- To prevent fouling

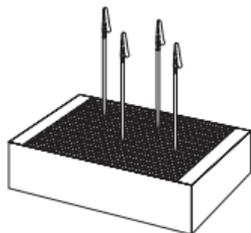


Old newspaper

- Useful Accessory



Mr.Paint dish



Mr. ALMIGHTY CLIPS series,  
Mr.Mr.Paint station series



Mr.Masking-sol series,  
Masking tape

# Contents

■ Please check before use.

● Airbrush × 1



● Air Valve × 1



● special replacement nib  
for Gundam marker airbrush system  
× 3



● Mr.Air Siper 190  
/Air Cartridge × 1



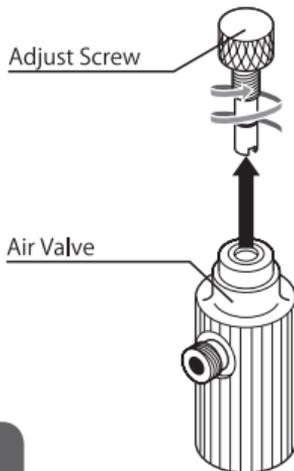
● air horse( PS )  
× 1



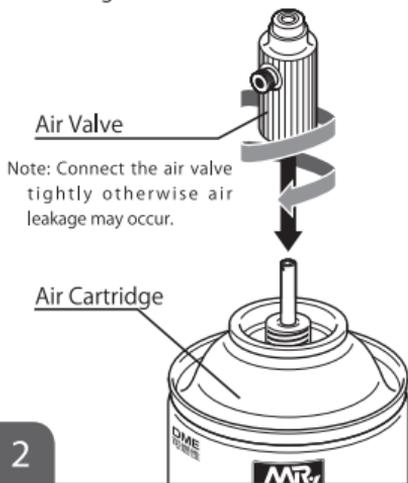
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# Connection of the Gundam Marker Air Brush

- Remove the air adjustment screw from the air valve.

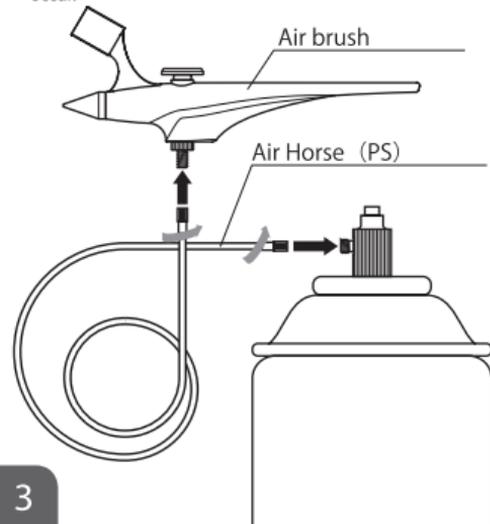


- Please connect the air valve to the air cartridge.



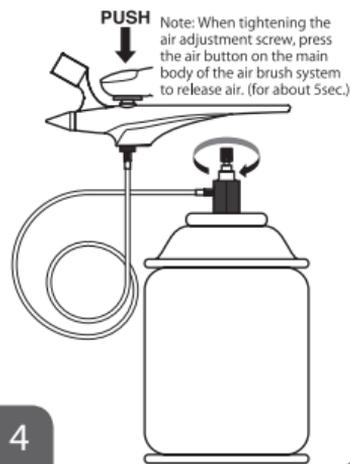
- Then, connect the hose to the valve. Please screw in the hose joint all the way.

Note: Connect the air hose tightly otherwise air leakage may occur.



- Put back the adjustment screw to the valve and tighten it.

Push the button of the airbrush to let the air go.



## Attaching the Gundam Marker to air brush system

- Fill the marker tip with ink by pumping it a couple of times against a painting dish or similar surface.



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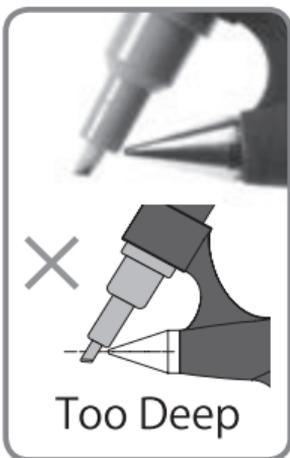
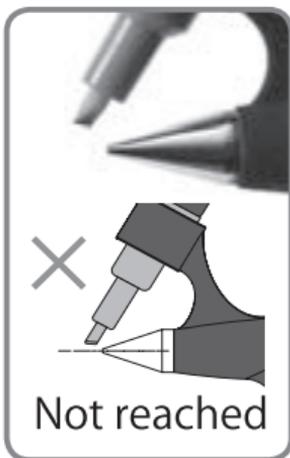
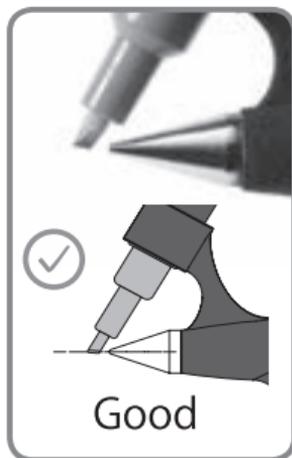
- Place the pen in the airbrush's holder.



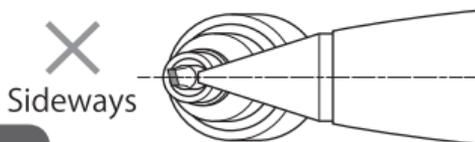
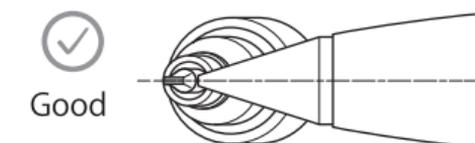
2

■ The tip of the pen should overlap the tip of the airbrush.

Note: If the pen tip of the Gundam Marker is not fixed at the correct position, spray painting cannot be done. Be sure to check the position by a visual test and trial spraying.



■ If the direction of the tip of the Gundam Marker standard nib is diagonal or turned sideways, air passes the nib in a tilted way and paint may not be discharged or sprayed straight.

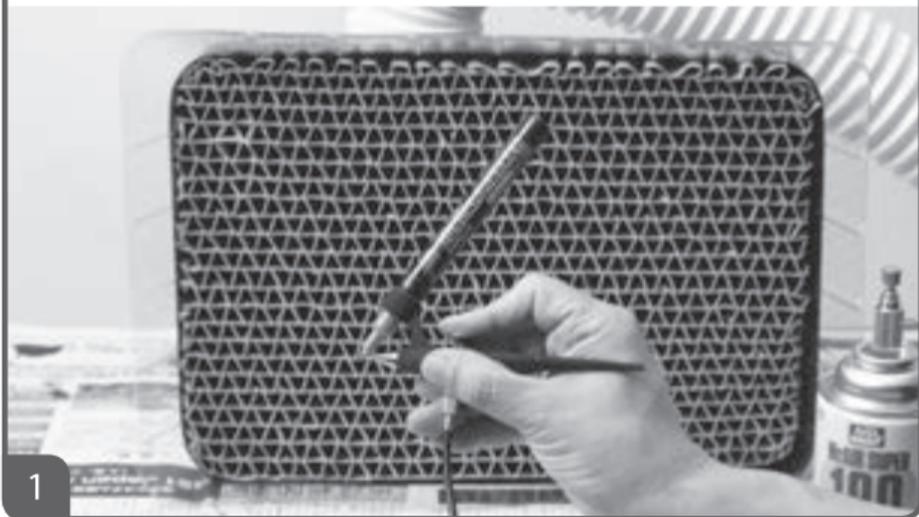


Failures



## Let's try painting with the air brush.

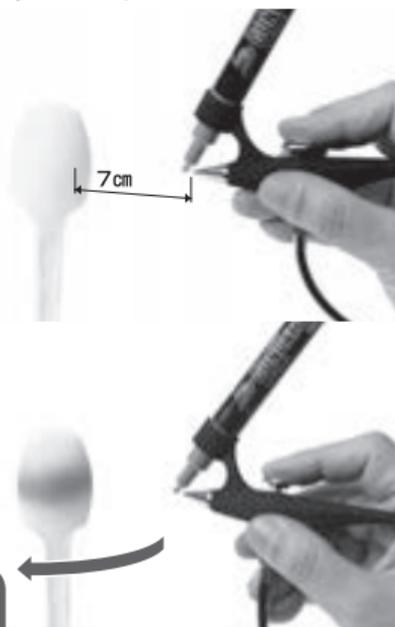
- Before using the air brush, prepare a painting booth (Mr. Super Booth Compact, etc.), or use newspaper, etc. to protect the table from paint splashes.



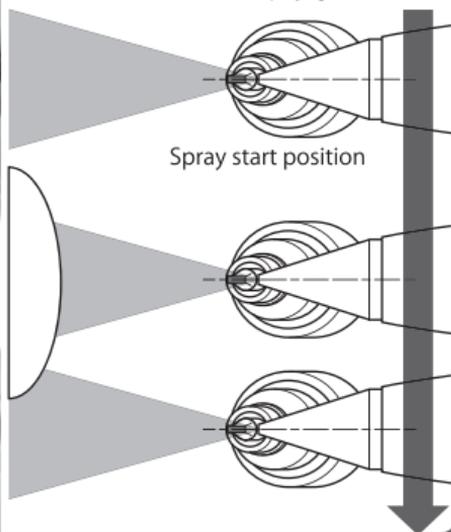
- Before spraying the parts, be sure to spray on cardboard paper or plastic plate as a trial to check that the spray of paint can be controlled properly.



- As a guideline, keep a distance of about 7 cm between the air brush and the surface to be sprayed. Do not point the air brush at the surface to be sprayed at the start of spraying.



- Air pressure is high at the start of spraying, so large droplets may scatter. Be sure not to point the air brush at the surface to be when start spraying.



- To avoid unevenness over the whole surface, move the air brush slowly when spraying without stopping at one place.



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- When paint stops coming out, remove the Gundam Marker from the holder, pump the Gundam Marker tip against a painting dish, etc. to supply paint.



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- When the air brush work is complete, remove the Gundam Marker from the air brush holder, and be sure to replace the cap before storage. You do not need to wash the main body of the air brush system.



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## Attachment of Gundam Marker special replacement nib

- The all fiber construction of the special replacement nib ensures ink distribution throughout the tip.

- First remove the standard nib. Please use the tissue to grab and pull out.



- Please insert a special replacement nib.



- After setting replacement nib, fill the marker replacement tip with ink by pumping it a couple of times against a painting dish or similar surface.



- Place the pen in the airbrush's holder. The tip of the pen should overlap the tip of the airbrush.

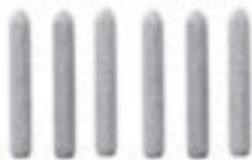


- This results in a finer mist when spraying, making it even easier to achieve great results.



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- Gundam Markers with the special nib attached can be stored in the same manner as regular Gundam Markers. Be sure to replace caps before storage.



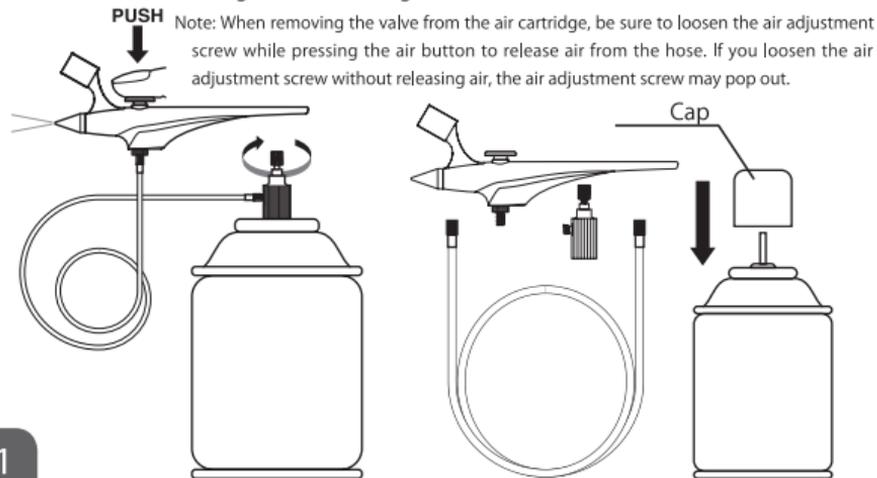
Note: Special replacement nibs are disposable. When you use a new marker, use a fresh GMA-01K special replacement nib (sold separately).

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## Putting away the Gundam Marker Air Brush System

- Be sure to store air brush system equipment appropriately so that you can enjoy air brush painting comfortably at all times. Refer to the notes on the air cartridge, too.

- After painting, be sure to remove each part and store it. Be sure to put the caps on half used air cartridges before storage.



- To clean the equipment or desk surfaces contaminated with air brush paint, use the thinner for Aqueous Hobby Color.

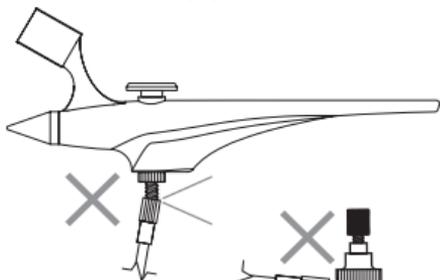


# Troubleshooting

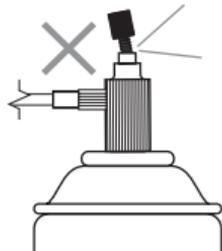
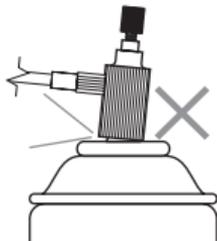
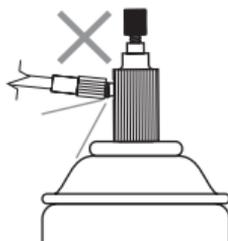
## 1. Air does not come out.

### ● Is the air hose or valve attached properly?

If the air hose or valve that connects the air brush and air cartridge is not attached properly, air leaks out and the air brush will not work correctly. If the air hose or valve that connects the air brush and air cartridge is not attached properly, air leaks out and the air brush will not work correctly. Moreover, air may leak from the joint part, which leads to wasteful consumption of air, and contact with the leaking gas may cause frostbite. Assemble the equipment with care.

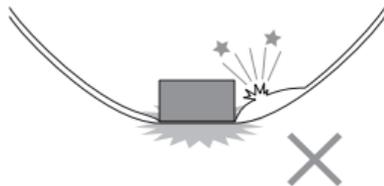
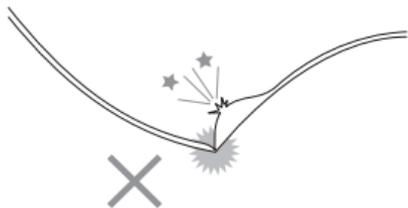


If you try to insert the screws of each part forcibly or at the wrong angle, it may cause parts breakage, so please pay sufficient attention during assembly.



### ● Is the hose kinked or has it become trapped and crimped under a heavy item?

If the hose is kinked or becomes trapped under a heavy item, the part may be crimped and the air supply may stop, which may cause an accident such as rupture of the air hose. So, do not use an air hose that shows kink marks and do not place anything on the air hose.



## 2. Air pressure drops during work.

### ● Has the air cartridge become cold due to continuous use?

When the air brush is used continuously and the air cartridge becomes cold, air pressure necessary for spray painting cannot be achieved. Stop working temporarily and wait till the air cartridge returns to room temperature. Never heat up the cartridge with external means.



### ● Has the air run out due to continuous use?

When the air in the cartridge is used up and the remaining air runs low, the air pressure drops and spraying cannot be performed properly. In this case, stop painting work and replace with a new air cartridge. For painting work over a prolonged period, we recommend use of the large volume PA200 Mr.AIR SUPER 420.

## 3. Paint does not come out during painting.

### ● Is paint supplied to the tip of the pen?

In the case of a standard nib for the Gundam Marker, paint is supplied by pumping the pen tip. When paint in the pen tip runs out, remove the Gundam Marker from the air brush system and fill the pen nib with paint.

### ● Is the Gundam Marker paint used up?

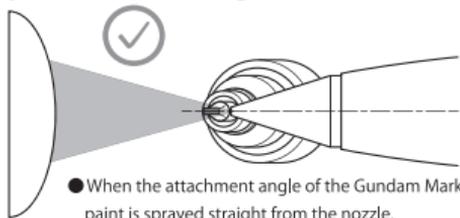
Markers are consumed quite quickly for air brush painting. If you feel that the Marker paint is running low, replace it with a new Gundam Marker at an early stage.

## 4. Paint does not spray in the desired direction.

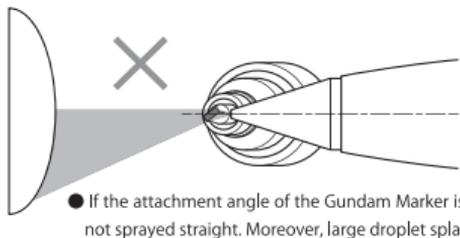
### ● Is the attachment angle of the Gundam Marker facing the correct direction?

In the case of air brush painting using a Gundam Marker standard nib, the air spraying direction varies according to the direction of Gundam Marker nib attachment. Adjust the attachment angle of the Gundam Marker to the correct direction referring to page 8 of this user's guide.

## ■ Appropriate attachment angle of Gundam Marker



## ■ Inappropriate attachment angle of Gundam Marker



## 5. Paint accumulates on the sprayed surface.

### ● Have you overpainted for one spraying?

If you overpaint in one spraying, paint may build up and then run down. For a neat painted surface, you need to apply paint thinly, take sufficient time for drying, and repeat spraying several times.

If you spray focusing on one point, paint runs over the painted surface in the same manner, so move the air brush or parts to be painted little by little with care.

## 6. Air pressure cannot be controlled by adjusting the air button handling

### ● You cannot adjust air pressure with the air button.

The air button on the Gundam Marker Air Brush System is an ON/OFF button for discharging air, and it is not designed to control the air pressure. Use the air adjustment screw on the air valve to adjust air pressure. At the start of each spray stroke, the pressure inside the air hose is high. Such high discharge pressure may cause large paint droplets. Be sure to avoid spraying directly to the surface to be painted at the start of painting.

## 7. Is the special replacement nib reusable?

### ● The special replacement nib is disposable.

Reuse of a special replacement nib can cause some issues including clogging of the replacement nib or undesirable color due to color mixture. When using a new Gundam Marker, be sure to prepare a new special replacement nib.