



产品中有害物质的名称及含量

使用环境条件：
参考使用说明书中的操作条件

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
实装基板	×	○	○	○	○	○
外壳	×	○	○	○	○	○
光学组件	×	○	○	○	○	○
附属品	×	○	○	○	○	○

本表格依据 SJ/T 11364 的规定编制。
○：表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。
×：表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

W4-12

数据投影机

使用说明书

使用产品前请仔细阅读本使用说明书，并请妥善保管。

VPL-GTZ1

制造商：索尼公司
原产地：日本
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警告

为减少火灾或电击危险，请勿让本设备受到雨淋或受潮。

为防止触电严禁拆开机壳，维修请咨询具备资格人士。

警告

此设备必须接地。

警告

在安装此设备时，要在固定布线中配置一个易于使用的断电设备，或者将电源插头与电气插座连接，此电气插座必须靠近该设备并且易于使用。在操作设备时如果发生故障，可以切断断电设备的电源以断开设备电源，或者断开电源插头。

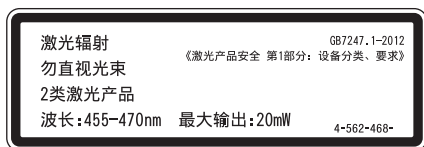
警告

- 1 请使用经过认可的电源线（3芯电源线）/设备接口/带有接地点的插头，并且都要符合所在国家的安全法规。
- 2 请使用符合特定额定值（电压、电流）的电源线（3芯电源线）/设备接口/插头。

如果在使用上述电源线/设备接口/插头时有任何疑问，请咨询合格的维修人员。

注意

未按照此处规定的程序使用控制器、进行调整或操作可能会导致危险的辐射暴露。



本装置属于2类激光产品
此2类激光产品标签位于数据投影机的侧面。



此标签位于数据投影机投影窗口的旁边。

本设备包含型号核准代码为：
CMIIT ID:2014DJ5026的无线电发射模块

中国国内使用无线局域网（无线LAN）时的注意

- ① 不得擅自更改发射频率、加大发射功率（包括额外加装射频功率放大器），不得擅自外接天线或改用其它发射天线。
- ② 使用时不得对各种合法的无线电业务产生有害干扰；一旦发现有干扰现象时，应立即停止使用，并采取消除干扰后方可继续使用。
- ③ 使用微功率无线电设备，必须忍受各种无线电业务的干扰或工业、科学及医疗应用设备的辐射干扰。
- ④ 不得在飞机和机场附近使用。

主要技术参数及其指标值

频率范围：2400 - 2483.5 MHz

频率容限：≤ 20ppm

占用带宽：≤ 2MHz

发射功率：≤ 20dBm (EIRP)

杂散发射限值：≤ -30dBm

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使用前须知

安全须知

- 请检查本机的工作电压是否与当地的供电电压一致。
- 万一有液体或固体落入机壳内，请拔下本机的电源插头，并请专业技术人员检查后再使用。
- 数日不使用本机时，请将本机的电源插头从墙上电源插座拔出。
- 拔电源线时，请手持插头将其拔出。切勿拉扯电线本身。
- 墙上电源插座应安装于设备附近使用方便的地方。
- 即使本机的电源已经关闭，只要其插头还连接在墙上电源插座上，本机便未脱离交流电源。
- 使用时请不要看镜头。
- 请不要将手或物品放在通风孔附近。排出的空气较热。

防止内部蓄热须知

用I/⏻（开机/待机）开关关闭电源后，在冷却扇还在运转时，请勿将本机的电源插头从墙上电源插座上拔出。

注意

投影机装备有通风孔（进气和排气）。请勿堵塞通风孔或将任何物品放在通风孔旁边，否则可能发生内部蓄热，造成影像质量下降或损坏投影机。

重新包装须知

请保存原有的包装箱和包装材料，以便在运输设备时可随时使用。为尽量保护好机体，请出厂时使用的包装箱重新包装本机。

安全注意事项

- 您只能使用3D眼镜观看3D视频影像。
- 如果观察到抖动或闪烁，请关闭室内照明。
- 儿童须在成人适当监管的情况下使用。
- 弯折镜架时，小心不要让手指被3D眼镜的铰链夹住。
- 请勿掉落或改装3D眼镜。
- 如果眼镜破碎，请使碎片远离口或眼睛。

关于光源相关部件的检查

由于本机使用激光，当对光源相关部件进行维护或检查时，必须特别注意并在安全环境下进行。请务必咨询Sony公司专业技术人员（收费）。

关于废弃产品的处理

请不要将废弃的产品与一般生活垃圾一同弃置。正确处置废弃的产品有助于避免对环境 and 人类健康造成潜在的负面影响。具体的处理方法请遵循当地的规章制度。

关于LCD投影机

本LCD投影机采用高精密度技术制造。然而，可能会在LCD投影机的图像上持续显示微小的黑点和/或亮点（红色、蓝色或绿色）。这是制造过程的正常结果，不代表故障。并且，当您使用多台LCD投影机投影在一个屏幕上时，即使是相同型号，投影机间的色彩再现可能会有不同，因为各个投影机的色彩平衡可能设置各异。

关于湿气凝结

如果投影机安装地的室温急剧变化，或如果突然将投影机从寒冷的地方搬到温暖的地方，投影机中可能会出现湿气凝结。由于湿气凝结可能会造成故障，所以在调节空调温度设定时请小心。如果出现湿气凝结，请让投影机保持开启状态约四小时后再使用。

SONY不对任何因传输设备安全措施操作不当、传输规格导致不可避免的数据泄露或任何种类的安全问题造成的损坏负责。

注意

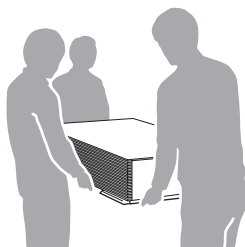
- 在使用前请始终确认本机运行正常。无论保修期内外或基于任何理由，SONY对任何损坏概不负责。由于本机故障造成的利润损失等，无论是在保修期以内或者以外，SONY均不作任何赔偿。
- SONY对本产品用户或第三方的任何索赔概不负责。
- SONY对因任何情况导致终止或停止使用本机相关服务概不负责。

安装和使用注意事项

搬运本产品

搬运本产品时，务必由三人或更多人操作-如下图所示，两边各一人，还有一人在正面。

当握住本产品底部时，请尽可能将手牢牢握在内侧部分下方。



提示

如果安装了把手，请握住把手进行搬运。

注意

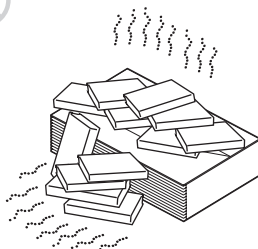
切勿抓握控制面板部分。

不当安装

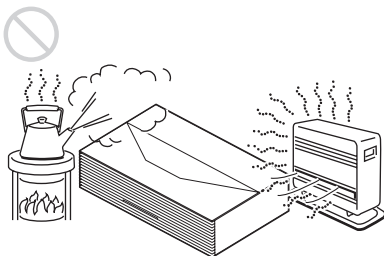
不要将本机放在如下位置，否则会造成故障或损坏本机。

通风不良的场所

请在本机周围留出30 cm 以上的空间。

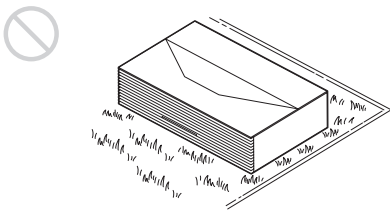


热和潮湿的场所



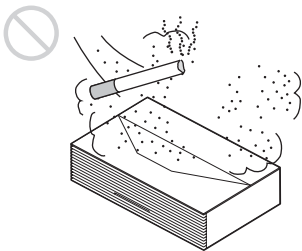
放在长毛绒地毯上时

本产品底部有通风孔。如果通风孔被堵塞，可能造成故障。



多尘、多烟雾的场所

空气过滤器将会堵塞，并可能导致本机故障或损坏。



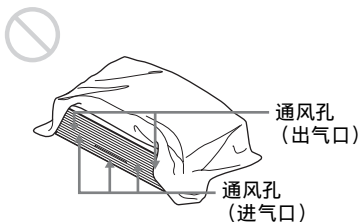
其他注意事项

- 从空调吹出的空气或从本产品或其他设备的通风孔吹出的空气可能造成投影表面上出现振动。切勿将本产品安装在空调吹出的或这些设备通风孔吹出的空气可到达本产品镜头部分的地方。
- 如果本产品的支撑腿内有碎屑、沙子等异物，可能会损坏地板。

不正确使用

请不要在使用本机期间进行下述任何操作。


堵塞通风孔（进气口或出气口）



向前面/后面及左侧/右侧倾斜

如果安装的本产品向后或向前倾斜，投影表面上的图像形状会呈梯形。因此安装本产品时，使本产品和投影表面保持平行。

在高海拔地区安装本机时

当在海拔1500 米或更高的地区使用本机时，请将设置  菜单中的“冷却设定”设定为“高位”。当在高海拔地区使用本机时，如果没有设定此模式，可能会产生不良的效果，诸如降低某些组件的可靠性。

有关把手的安全注意事项

- 请勿将把手用于设计用途以外的其他目的。
- 在本产品上安装或拆卸把手的工作只能交由合格的维修人员进行。
- 只能使用附送配件。使用非附送的配件可能造成把手损坏。
- 请勿敲击把手，或在把手上悬挂重物。如果把手受损，请立即停止使用并联络合格的维修人员。

在天花板上安装本机的安全注意事项

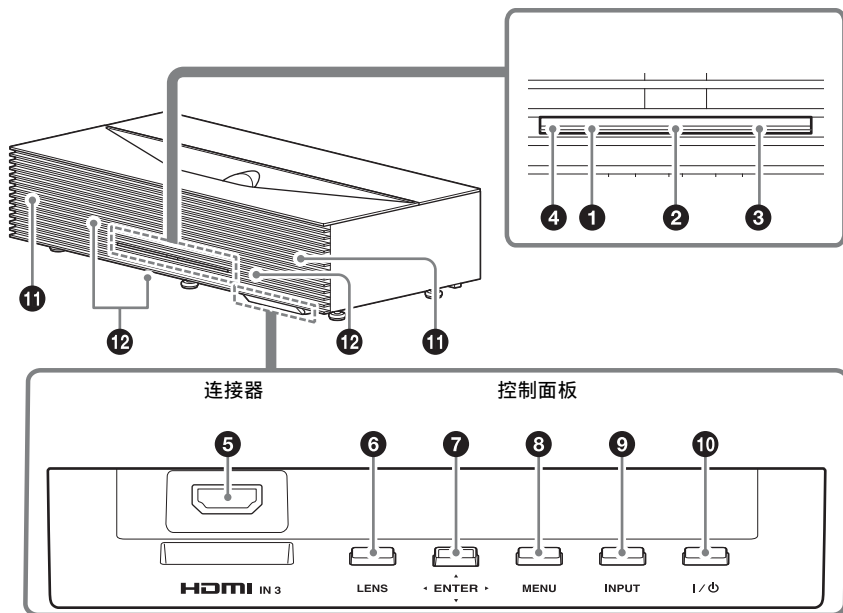
- 切勿自行在天花板上安装投影机或进行移动。务必咨询Sony专业技术人员（收费）。
- 在天花板上安装本机时，务必使用防坠绳等以防止本机掉落。请委托经验丰富的承包商或安装人员进行安装。

对于经销商

- 在天花板上安装投影机时，务必使用 Sony 支架或推荐的同等支架进行安装。
- 将本机牢固安装到天花板的同时务必牢固固定机壳盖。

正面

控制面板的按钮功能与遥控器上的按钮功能相同。



指示灯和遥控检测器

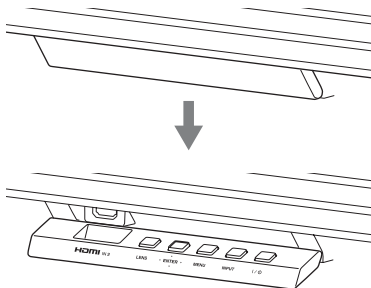
- ① WARNING1指示灯（第52页）
- ② LED指示灯（第16页）
- ③ WARNING2指示灯（第52页）
- ④ 遥控检测器（第16页）

连接器和控制面板

- ⑤ HDMI 3连接器（第22页）
- ⑥ LENS按钮（第16页）
- ⑦ ↑/↓/←/→（箭头）/□（回车）按钮（第30页）
- ⑧ MENU按钮（第30页）
- ⑨ INPUT按钮（第24页）

- ⑩ I/ON（ON/STANDBY）按钮（第16页）

提示
拉门的一侧即可打开。



其他

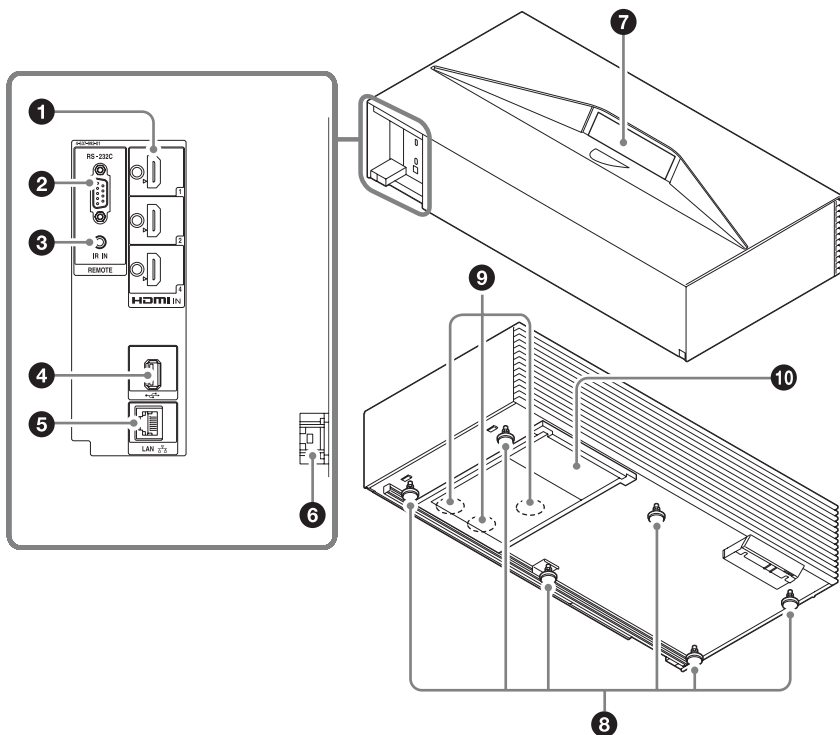
⑪ 通风孔（排气）

⑫ 通风孔（进气）

注意

如果本产品正在投影时直视投影窗（镜头），光线可能会损害眼睛。有儿童在场时，使用本产品要特别小心。

背面/底面



连接器

- ❶ HDMI 1/HDMI 2/HDMI 4连接器（第22页）
- ❷ REMOTE连接器
连接至遥控等系统。
- ❸ IR IN连接器
输入控制本产品的信号。
- ❹ USB连接器（第54页）
- ❺ LAN连接器（第48页）

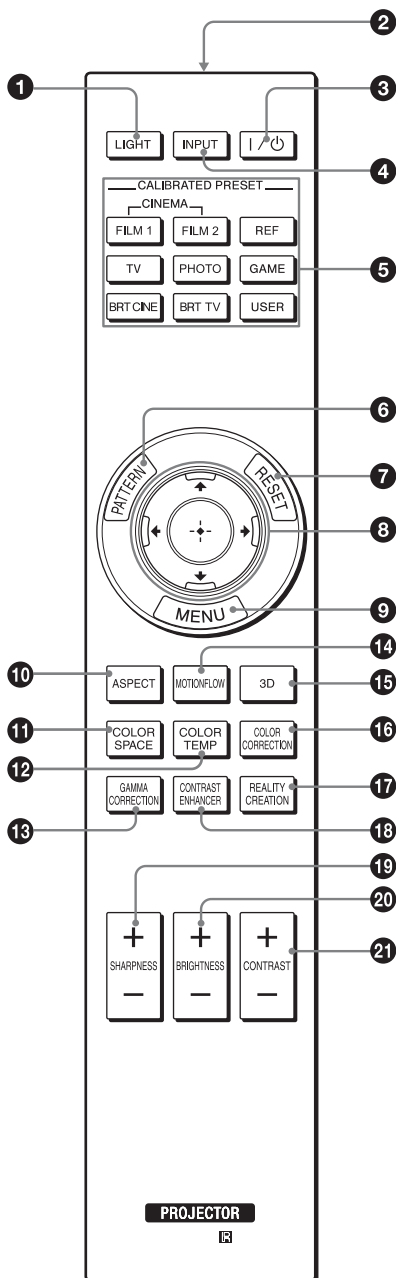
注意

为安全起见，请勿将可能有过高电压的外围设备配线用连接器连接到本端口上。按照本端口的说明操作。

其他

- ❻ AC IN插孔
- ❼ 投影窗（镜头）
从该窗口进行视频投影。
- ❽ 撑脚（可调整）（第20页）
- ❾ 通风孔（进气）
- ❿ 空气滤网（第55页）

遥控器



- ❶ LIGHT按钮
照亮遥控器上的按钮。
- ❷ 红外发射器
- ❸ I/⏻ (ON/STANDBY) 按钮 (第16页)
- ❹ INPUT按钮 (第24页)
- ❺ CALIBRATED PRESET按钮 (第29页)
- ❻ PATTERN按钮 (第17页)
- ❼ RESET按钮 (第31页)
- ❽ ↑/↓/←/→ (箭头) / ⏻ (回车) 按钮 (第30页)
- ❾ MENU按钮 (第30页)
- ❿ ASPECT按钮 (第27页)
- ⓫ COLOR SPACE按钮 (第36页)
- ⓬ COLOR TEMP按钮 (第34页)
- ⓭ GAMMA CORRECTION按钮 (第35页)
- ⓮ MOTIONFLOW按钮 (第33页)
- ⓯ 3D按钮 (第25页)
- ⓰ COLOR CORRECTION按钮 (第35页)
- ⓱ REALITY CREATION按钮
本产品上未使用。
- Ⓜ CONTRAST ENHANCER按钮 (第33页)
- Ⓜ SHARPNESS按钮 (第34页)
- Ⓜ BRIGHTNESS按钮 (第33页)
- Ⓜ CONTRAST按钮 (第33页)

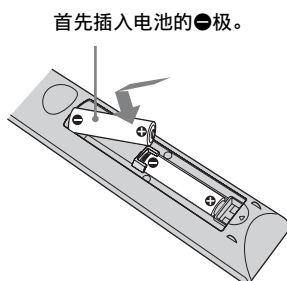
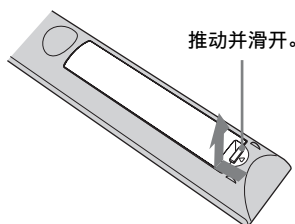
本节说明了如何安装本产品以及如何连接要投影图像的设备。

检查随机附件

检查包装箱，确认其中包含如下物品：

- 遥控器RM-PJ28 (1)
- AA (R6) 尺寸锰电池 (2)
- 交流电源线 (1)
- 插头固定器 (1)
- 把手 (2)
- 把手固定螺钉 (备用) (4)
- 调节工具 (1)
- 清洁布 (1)
- 使用说明书 (本手册) (1)

将电池插入遥控器



注意

如果更换的电池不正确，就会有爆炸的危险。只更换同一类型或制造商推荐的电池型号。

处理电池时，必须遵守相关地区或国家的法律。

安装电池

附送两节AA (R6) RM-PJ28遥控器电池。为避免爆炸危险，请使用AA (R6) 锰电池或碱性电池。

电池使用安全须知

- 不得将电池充电。
- 不得将电池投入火中，加热、分解或改造。
- 应使用指定种类的电池。
- 应使用推荐期限内的电池。
- 应按极性正确安装电池。
- 应及时取出耗尽电池。
- 不得将电池新旧混用。
- 不得将电池弃于水、海水，或弄湿。
- 不得将电池放在小孩容易触及的地方。

- 严禁直接焊接电池。
- 应正确安装电池以防止电池短路。

有关操作遥控器的注意事项

- 操作遥控器时请小心。不要掉落或践踏遥控器，或将任何种类的液体溅到遥控器上。
- 请勿将遥控器放在热源附近、受阳光直射的地方或潮湿的房间内。

使用把手

如有需要，将附送的把手安装到本产品以便搬运或安装。

致客户

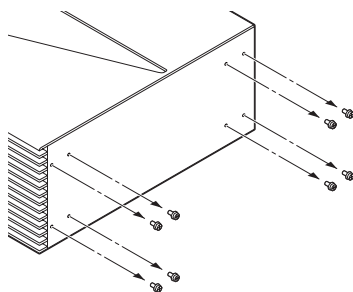
安装把手需要有足够的经验。请务必将安装工作转包给Sony经销商或经授权的承包商，并在进行安装时特别注意安全。

对于经销商

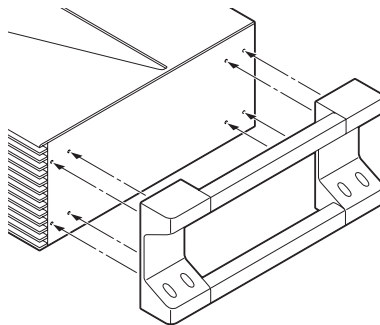
请务必在安装把手前通读本手册。Sony对于因误操作或安装不当而引起的任何损坏或受伤概不负责。

请务必阅读“有关把手的安全注意事项”（第7页）。

1 拆下本产品两侧的紧固件。



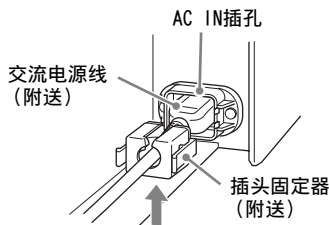
2 将把手安装到本产品上。 使用把手上安装的螺钉。



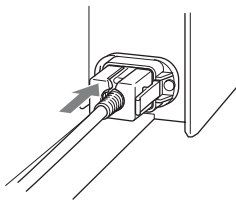
3 确认把手是否已正确安装。 安装把手后，请确认把手和本产品之间没有空隙。请每两个月确认螺钉是否紧固。

连接交流电源线

- 1 将交流电源线插入AC IN插孔，然后将插头固定器安装到交流电源线上。



- 2 在交流电源线上滑动插头固定器以固定到本产品上。

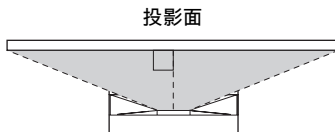


安装本产品

本产品 and 投影面之间的安装距离会因投影尺寸和是否使用缩放功能而异。安装本产品时要使其适合所需的投影尺寸。有关本产品 and 投影面之间的距离（投影距离）以及投影视频尺寸的详细信息，请参阅“安装距离和投影图像尺寸”（第65页）。

- 1 放置本产品时要使其平行于投影面。

俯视图



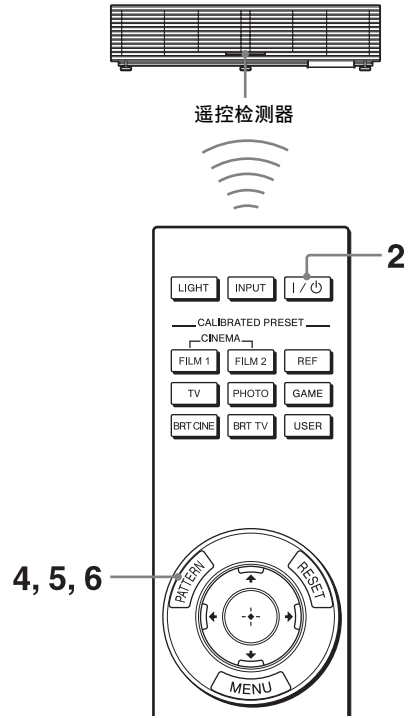
- 2 将一个图像投影到投影面上，并调整图像使其适合投影面（第16页）。

注意

- 将粗糙表面用作投影面时，投影面上可能会出现条纹，这取决于投影面和本产品之间的距离或缩放倍数。这不是本产品的故障。
- 如果投影面不平整，投影图像可能会扭曲。

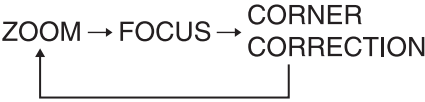
调整投影图像

将一张图像投影到投影面上，然后调整投影图像。



提示

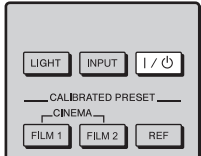
- 本产品前面板上的 I/ON (ON/STANDBY)、INPUT、MENU和 (控制杆) 按钮与遥控器上的按钮功能相同。LENS按钮与遥控器的PATTERN按钮具有相同的功能。
- 调整镜头时，每次按下本产品上的LENS按钮，镜头调整功能切换如下所示。



注意

根据本产品的安装位置，可能无法用遥控器进行控制。这种情况下，将遥控器对准本产品的遥控检测器。


- 1 将交流电源线连接至本产品后，将交流电源线插入壁装电源插座。本产品进入待机模式。
- 2 按下 I/ON (ON/STANDBY) 按钮开启本产品。




LED指示灯发出白光。

提示

当在安装设定 菜单上将“照明”设定为“关”时，LED指示灯不点亮。

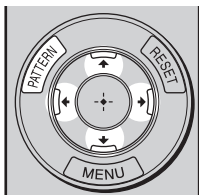
- 3** 使用与投影尺寸匹配的图像位置功能。
可以在屏幕设定  菜单（第38页）的“图像位置”中使用此设定。





图像尺寸 (最大缩放)	安装距离 (从投影面到本产品背面)	调整的目标*
147至 132英寸	11至17 cm	图像位置 特制1
132至 121英寸	6至11 cm	图像位置 特制2
121至 113英寸	3至6 cm	图像位置 特制3
113至 106英寸	0至3 cm	默认设置

* 近似的调整值。当在屏幕设定  菜单（第38页）的“图像位置”中覆盖了该设置时，无法恢复为默认设置。



要使用缩放功能进一步调整或更改图像尺寸，请遵循步骤4至6。

- 4** 重复按下PATTERN按钮以显示ZOOM调整窗口，按下 /// 按钮以调整图像的尺寸。

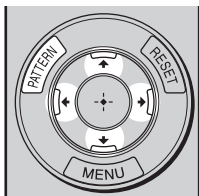






要放大图像，按 /。
要缩小图像，按 /。





提示

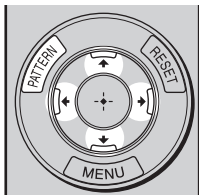
- 当在安装设定  菜单上将“透镜控制”设定为“关”时，无法调整镜头（ZOOM、FOCUS、CORNER CORRECTION）。
- 当在功能设定  菜单上将“测试图案”设定为“关”时，不显示测试图案（第43页）。

- 5** 重复按下PATTERN按钮以显示FOCUS调整窗口，调整图像中心的焦点。

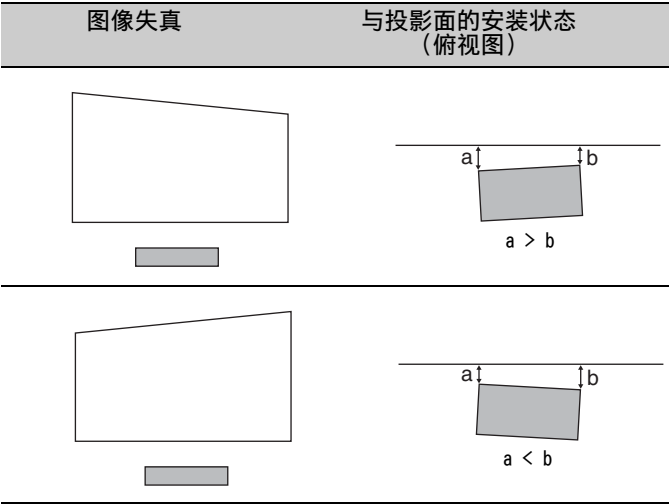


当用ZOOM功能调整图像尺寸后，显示屏变为FOCUS功能时，自动调整中心区域的焦点。若要进一步调整，可使用 /// 按钮。

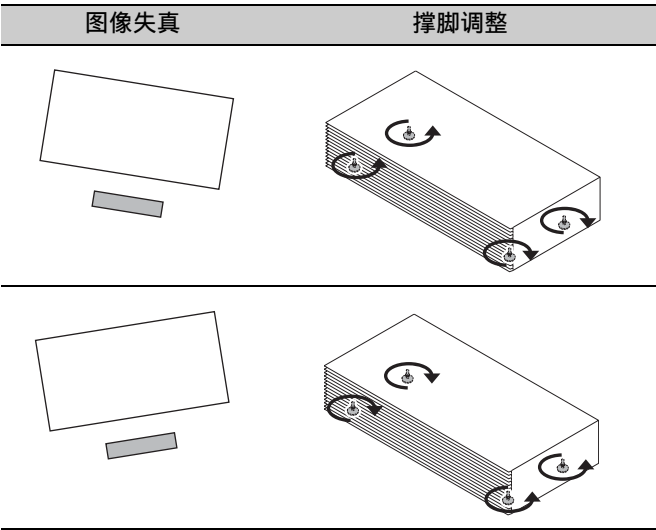
- 6** 重复按下PATTERN按钮以显示CORNER CORRECTION调整窗口，按下 /// 按钮以调整图像上角的焦点和失真。



- 7** 检查图像的上下侧是否平行。
如果不平行，将本产品安装到与投影面平行的位置（ $a=b$ ）。

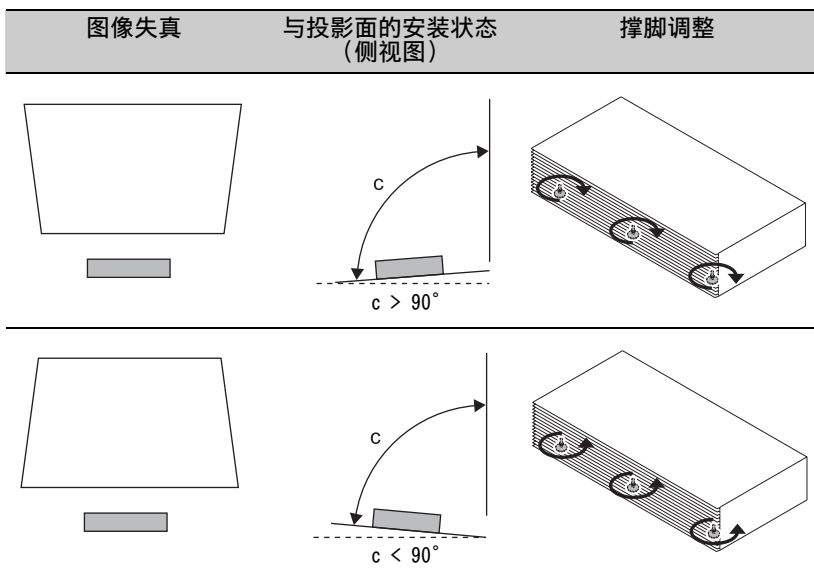


- 8** 检查图像的下侧是否水平。
如果不是水平，使用（可调整的）左右撑脚保持本产品水平。有关调整撑脚的详细信息，请参阅第20页。



9 检查图像的左右侧是否垂直。

如果不垂直，使用（可调整的）前台撑脚保持本产品与投影面垂直。有关调整撑脚的详细信息，请参阅第20页。

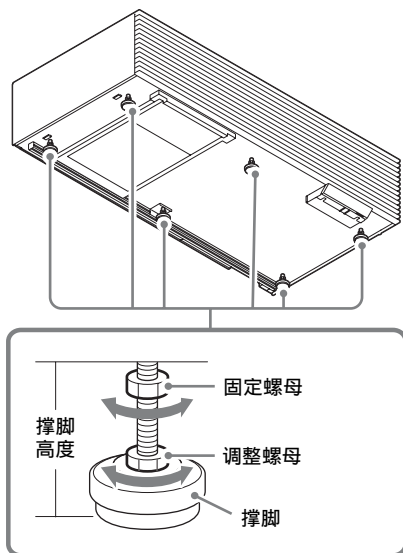


10 重复步骤4和5。

令投影面的边框呈矩形，且投影面与地板平行，才算安装完成。

调整撑脚

可使用本产品底部的六个撑脚来调整高度。



1 俯视时向右转动以松开固定螺母。

2 转动调整螺母以调整撑脚的长度。
伸长：俯视时向右转动调整螺母（顺时针）。
缩短：俯视时向左转动调整螺母（逆时针）。

3 俯视时向左转动以拧紧固定螺母。

提示

- 使用附送的调整工具来调整撑脚。
- 转动撑脚不会改变高度。

注意

- 转动固定螺母或调整螺母时当心不要夹住手指。
- 可以将撑脚高度最高调到60 mm。如果撑脚高度超过70 mm，撑脚可能会脱落，而本产品会坠落，造成受伤。

提示

- 请注意，当将多台投影机排成一行与PC应用程序配合使用时，可以使用边缘融合功能进行更细微的调整。有关详细信息，请咨询合格的Sony工作人员。
- 当将多台投影机排成一行组合使用时，投影机内的温度可能会因排气孔靠近而升高，且可能会出现错误指示。这种情况下，加大投影机之间的距离和/或在投影机间加装偏转隔断。有关详细信息，请咨询合格的Sony工作人员。

安装本产品（吊顶）

致客户

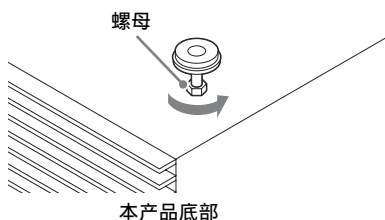
注意

当要将投影机安装在天花板上，或将其移动至其他位置时，请勿自行操作。

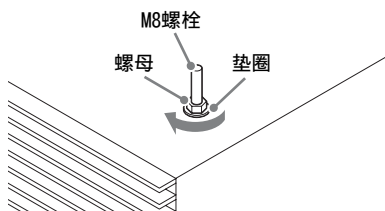
对于经销商

请务必阅读“在天花板上安装本机的安全注意事项”（第7页）。

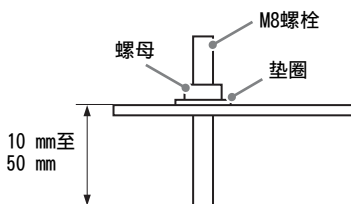
1 松开螺母，拆下撑脚（六处）。



2 安装M8螺栓（60 mm或更长）和垫圈，然后拧紧螺母。（建议拧紧扭矩：12.5 N·m）



螺栓插入本产品的长度：10 mm至50 mm。



有关M8螺栓的安装位置详情，请参阅附录CD-ROM内含使用说明书中的“尺寸”。

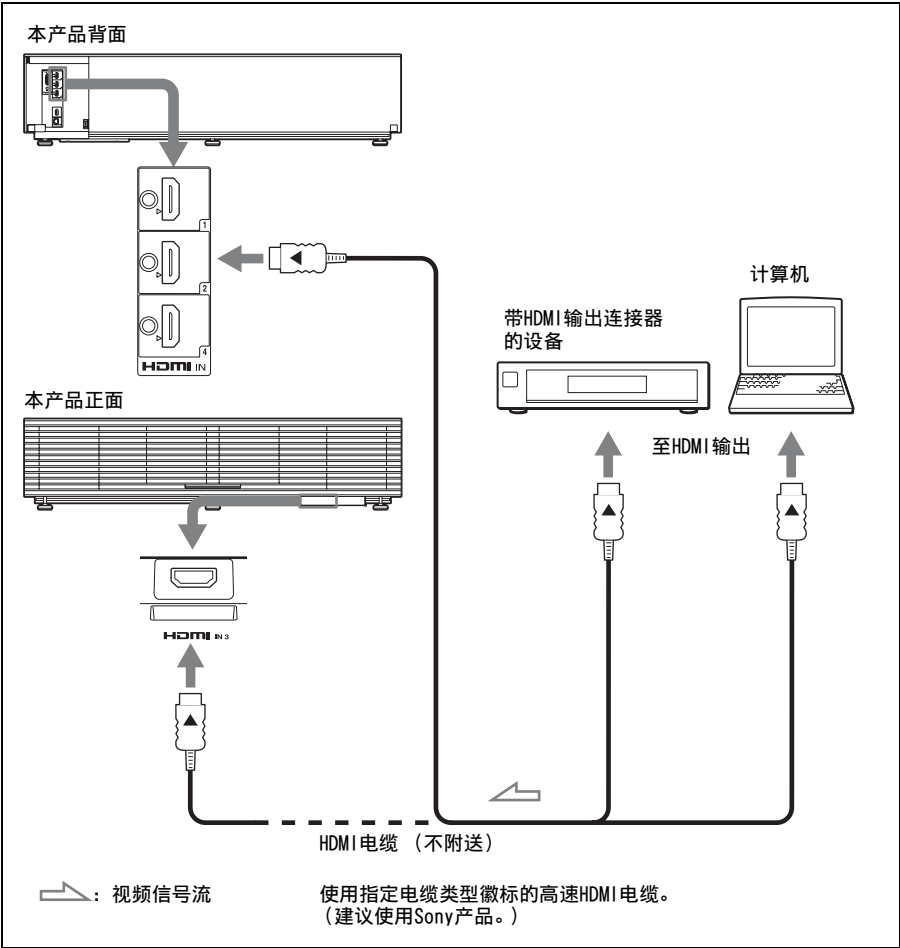
有关M8螺栓安装位置的详细信息，请参见“尺寸”（第68页）。

连接至视频设备或计算机

通过将配备了HDMI输出的DVD播放机/录像机、Blu-ray Disc播放机/录像机或PlayStation®连接到本装置的HDMI输入，可以欣赏高质量图像。

进行连接时务必执行以下操作：

- 进行任何连接之前关闭所有设备。
- 为每个连接使用合适的电缆。
- 正确地插入电缆插头；插头处连接不良可能会造成故障或图像质量差。当拉出电缆时，务必从插头拉出电缆，而不是拉电缆本身。
- 请参阅相连设备的使用说明书。



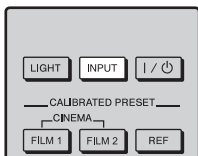
注意

- 使用高速HDMI电缆。使用标准的HDMI电缆时，1080p影像、DeepColor、3D视频和4K视频可能显示不正常。
- 当将HDMI电缆连接至本产品时，确保本产品HDMI输入上半部分的 ▼ 标记对准电缆连接器上的 ▲ 标记。
- 如果用HDMI电缆连接至本产品的设备图像不正确，检查相连设备的设置。
- 如果计算机设置为将信号同时输出到计算机的显示屏和本设备，则设备的图像可能显示不正常。将计算机设置为仅将信号输出到外部监视器。有关详细信息，请参阅计算机附送的使用说明书。有关计算机的设置，请咨询计算机的制造商。

本节说明了如何操作本产品，以查看连接至本产品的设备的图像。还说明了如何根据您的需求调整图像的质量。

投影图像

- 1 同时开启本产品和连接至本产品的设备。
- 2 按INPUT以在投影面上显示输入面板。



- 3 选择要显示图像的设备。
重复按INPUT或按 $\uparrow/\downarrow/\odot$ (回车) 以选择要投影的设备。



示例：查看连接至本产品HDMI 1连接器的视频设备的图像。

提示

- 当在设置 菜单上将“状态”设定为“关”时，不显示输入面板。按INPUT按钮依次在输入端子间切换。
- 可以在设置 菜单（第40页）上的“语言”中更改菜单和屏幕显示的语言。

关闭电源

- 1 按 I/⏻ (ON/STANDBY) 按钮。
出现“电源关闭?”消息。
- 2 此消息消失前再次按 I/⏻ (ON/STANDBY) 按钮。
LED指示灯熄灭。

可以断开交流电源线的连接。

注意

- 切勿在开启本产品时断开交流电源线的连接。
- 当在安装设定 菜单上将“照明”设定为“关”时，LED指示灯无变化。

不实施上述步骤，而是按住 I/⏻ (ON/STANDBY) 按钮约1秒钟，可关闭本产品。

观看3D视频影像

可使用选购的主动式3D眼镜（TDG-BT500A），欣赏3D游戏和3D蓝光光碟中强劲的3D视频影像。

- 1 开启与本产品相连的兼容3D的HDMI设备，然后播放3D内容。
有关如何播放3D内容的详细信息，请参阅相连设备的使用说明书。
- 2 开启本产品并投影3D视频影像。
有关如何投影影像的详细信息，请参阅“投影图像”（第24页）。
- 3 开启并戴上3D眼镜，感觉舒适就行。
有关如何使用3D眼镜的详细信息，请参阅“使用3D眼镜”（第25页）。

提示

- “2D-3D显示选择”的出厂默认设置为“自动”，允许在本产品检测到3D信号时自动投影3D视频影像。
- 要将3D视频影像转换为2D视频影像，可将“2D-3D显示选择”设定为“2D”（第42页）。

注意

- 因信号类型不同，有可能无法显示3D视频影像。将“2D-3D显示选择”设定为“3D”，并将“3D格式”设定为“并排”或“上下”，以适应要观看的3D内容格式（第42页）。
- 在通信范围内使用3D眼镜（第25页）。
- 每个人对3D视频影像的感受会有所差异。
- 当使用环境的温度较低时，3D效果可能会减弱。

调整/设置3D功能

通过按遥控器上的3D按钮或功能设定菜单的“3D设定”，可以调整/设置3D功能。有关详细信息，请参阅“3D设定”（第42页）。

使用3D眼镜

- 1 开启3D眼镜，并将其注册到本产品上。
有关如何注册3D眼镜的详细信息，请参阅3D眼镜附送的使用说明书。
- 2 戴上3D眼镜。

使用注意事项

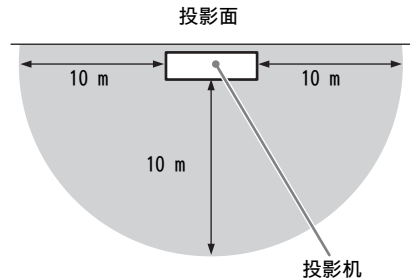
可能会在以下情形出现误操作：

- 观看位置距离投影机过远
- 本产品附近有2.4 GHz带宽的无线LAN（IEEE802.11 b/g/n）或微波炉等其他通信设备

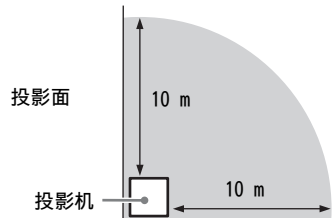
3D眼镜通信范围

下图表明了3D眼镜的通信范围。如果尝试在距离超出通信范围的情况下观看3D视频影像，或将本产品安装在通信范围之外，3D眼镜可能无法正常显示影像。另外有效的通信距离会因室内环境和本产品的安装环境而异。

俯视图




侧视图



使用图像位置


可以重新调用存储的镜头设置（透镜变点、透镜焦点、修正镜头角）和纵横比。

使用此功能可更改多个图像的投影影像尺寸等。

- 1 在屏幕设定  菜单的“图像位置”中选择“特制1”、“特制2”或“特制3”。

重新调用选定的图像位置。

提示

在屏幕设定  菜单的“图像位置”中存储或删除镜头设置（第38页）。

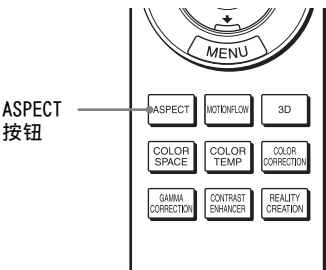
注意

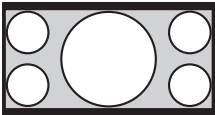

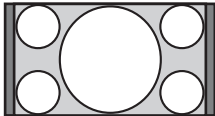


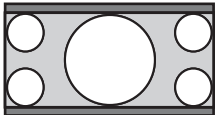
- 如果在移动镜头时按遥控器或本产品上的任何按钮，镜头停止移动。这种情况下，再次选择镜头位置或手动调整镜头。
- 图像位置功能不保证能精确再现镜头设置。
- 当用透镜变点来使用两个或更多纵横比的包角时，请参阅“安装距离和投影图像尺寸”（第65页）在指定的参数内安装本产品。

依照视频信号选择纵横比

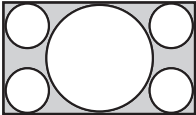
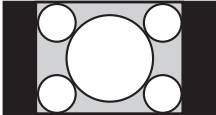
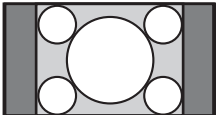
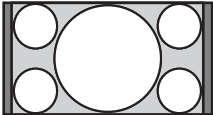
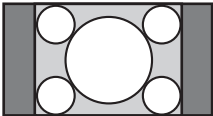
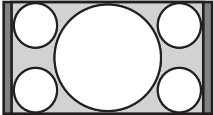
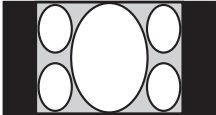
可选择与收到的视频信号最合适的纵横比。

按ASPECT。
每次按此按钮，可选择“纵横比”设置。也可使用菜单选择纵横比（第39页）。




原始图像（16:9显示）	建议的设置和生成的图像
<div><p>1.85:1</p><p>挤压1.85:1</p></div>	<div><p>1.85:1放大</p></div>
<div><p>2.35:1</p><p>挤压2.35:1</p></div>	<div><p>2.35:1放大</p></div>

投影

原始图像（16:9显示）	建议的设置和生成的图像
 <p>1.78:1 (16:9)</p>  <p>1.33:1 (4:3)</p>  <p>1.33:1 (4:3) 含侧面板</p>	<p>标准</p>   <p>拉伸</p> 
 <p>挤压</p>	

注意

- 可选的纵横比模式因输入信号而异（第63页）。
- 当输入计算机信号、输入分辨率为 4096 × 2160 的信号（第59页）或在安装设定  菜单上将“垂直梯形失真校正”设定为不是“0”时，无法选择纵横比。

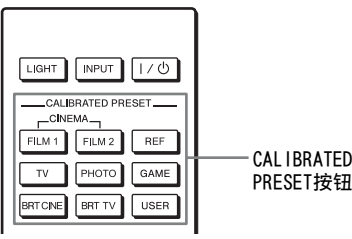
切换“纵横比”设置须知

- 选择纵横比模式要考虑到更改原始图像的纵横比会使其外观发生变化。
- 请注意，如果将本产品用于盈利或公共播映，通过切换纵横比来修改原始图像可能会侵犯到受法律保护的作者或制作人的权利。

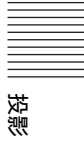
选择图像观看模式

可根据视频来源类型或室内状况，选择最合适的图像观看模式。
可分别为2D/3D保存和使用不同的预设模式。

按其中一个CALIBRATED PRESET按钮。



设置项目	说明
CINEMA FILM 1	这种图像质量通常适用于再现主要正片的高度动态和清晰的图像。
CINEMA FILM 2	这种图像质量通常适用于根据FILM 1的色调变化再现电影院的丰富色调和色彩。
REF	这种图像质量设定适用于忠实地再现原始图像质量，或适用于欣赏不经任何调整的图像质量。
TV	这种图像质量适用于观看电视节目、体育运动、音乐会和其他视频影像。
PHOTO	非常适用于投影用数码相机拍摄的静止图像。
GAME	这种图像质量适用于玩游戏，具有非常柔和的色彩且响应速度快。
BRT CINE	这种图像质量适用于在起居室等明亮的环境中观看电影。
BRT TV	这种图像质量适用于在起居室等明亮的环境中观看电视节目、体育运动、音乐会和其他视频影像。
USER	调整图像质量以满足您的需求，然后保存设置。出厂默认设置与“REF”相同。



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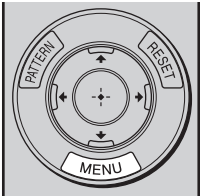
使用菜单

本节说明了如何使用菜单进行各种调整和设置。

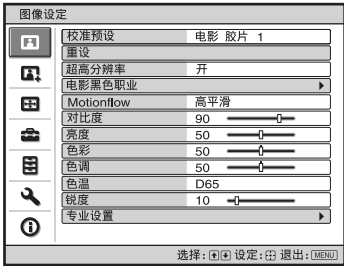
通过菜单操作

本产品配备了屏幕菜单，可进行各种调整和设置。如果选择后跟箭头（▶）的项目名称，则会显示含设置项目的下一个菜单窗口。

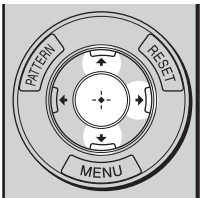
1 按MENU。



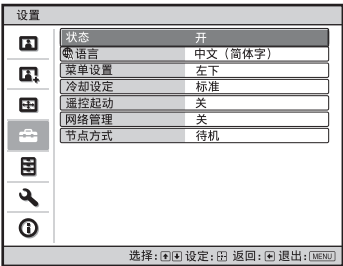
菜单窗口出现。



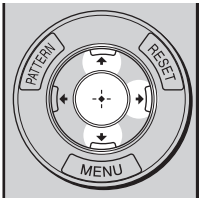
2 按↑/↓以选择一个菜单项，并按→或⊕。



出现可以用选定的菜单设置或调整的项目。目前选定的项目显示为白色。

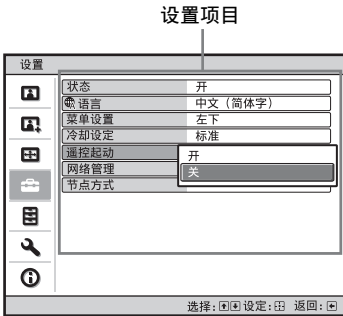


3 按↑/↓以选择要设置或调整的项目，并按→或⊕。



这些设置项目显示在弹出菜单、设置菜单、调整菜单或下一个菜单窗口中。

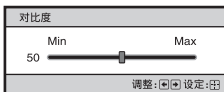
弹出菜单



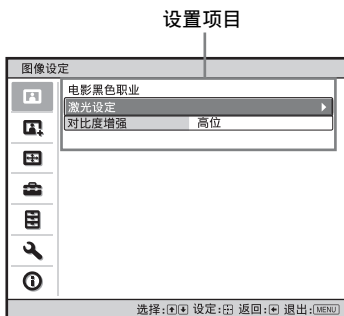
设置菜单



调整菜单



下一个菜单窗口



4 设置或调整某个项目。

当更改调整水平时

要增大数值，按 **↑/→**。

要减小数值，按 **↓/←**。

按 **⏮** 存储设置并恢复原始的菜单画面。

当更改设置时

按 **↑/↓** 更改设置。

按 **⏮** 恢复原始的画面。

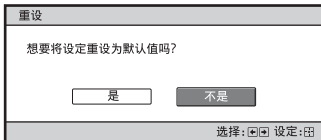
可根据选定的项目，使用 **←** 恢复原始的画面。

清除菜单

按MENU。

重设已经调整过的图像

从图像设定 **📷** 菜单中选择“重设”。



当出现画面显示时，使用 **←** 选择“是”并按 **⏮**。

将以下所有设置重设为工厂预设值：图像设定 **📷** 菜单上的“超高分辨率”、“电影黑色职业”、“Motionflow”、“对比度”、“亮度”、“色彩”、“色调”、“色温”、“锐度”和“专业设置”

重设已经调整过的项目

在菜单画面中选择一个项目，显示弹出菜单、设置菜单或调整菜单。

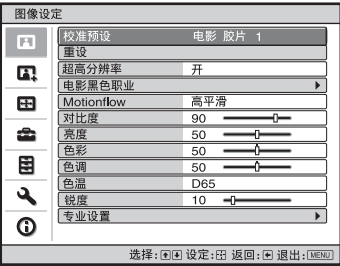
按遥控器上的RESET，仅将选定的设置重设为出厂预设值。

注意

只有选中调整菜单或设置菜单时，才能使用遥控器上的RESET按钮。

图像设定菜单

图像设定菜单用于调整图像。



注意

这些项目可能会因输入信号的类型而不可用。有关详细信息，请参阅“输入信号和调整/设置项目”（第60页）。

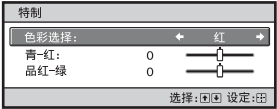
括号中的项目名称表示了印在遥控器上的名称。

设置项目	说明
校准预设 [CALIBRATED PRESET]	可根据视频来源类型或环境，选择最合适的图像观看模式。可分别为2D/3D保存和使用不同的预设模式。 电影胶片1 ：这种图像质量通常适用于再现主要正片的高度动态和清晰的图像。 电影胶片2 ：这种图像质量通常适用于根据电影胶片1的色调变化再现电影院的丰富色调和色彩。 参考 ：这种图像质量设定适用于忠实地再现原始图像质量，或适用于欣赏不经任何调整的图像质量。 TV ：这种图像质量适用于观看电视节目、体育运动、音乐会和其他视频影像。 照片 ：非常适用于投影用数码相机拍摄的静止图像。 游戏 ：这种图像质量适用于玩游戏，具有非常柔和的色彩且响应速度快。 明亮电影 ：这种图像质量适用于在起居室等明亮的环境中观看电影。 明亮TV ：这种图像质量适用于在起居室等明亮的环境中观看电视节目、体育运动、音乐会和其他视频影像。 用户 ：可以调整图像质量以满足您的需求，并保存设置。出厂默认设置与“参考”相同。
	提示 为每个输入保存图像质量设置的任何调整。
重设	将目前所有选定的校准预设模式设置重设为默认值（第31页）。 提示 重设不影响为“色温”的特制1至特制5项目保存的设置。
超高分辨率	调整图像的分辨率。 开 ：调整分辨率的设置。当增大设置值时，图像的纹理和细节变得更锐利。 关 ：不应用“超高分辨率”功能。

设置项目	说明
电影黑色职业	
激光设定	<p>动态控制：调整激光控制的移动范围。</p> <p>全开：依照输入来源的亮度水平，自动优化激光控制和信号处理。这会产生明亮和高对比度的图像。</p> <p>限制：抑制激光控制的移动和亮度，使图像质量适用于在黑暗的房间内观看。</p> <p>关：不应用“动态控制”功能。</p> <p>输出：设置值越大，图像越亮。设置值越小，图像越暗。</p> <p>提示 调整“输出”之后，依照房间亮度和图像本身，设定“动态控制”。</p>
对比度增强 [CONTRAST ENHANCER]	<p>自动校正明亮和黑暗部分的电平，依照场景优化对比度。提高图像锐度，使图像有动感。</p> <p>高位/中位/低位：可调整对比度增强。</p> <p>关：不应用对比度增强功能。</p>
Motionflow [MOTIONFLOW]	<p>高平滑：提供更平滑的图像移动；对基于胶片的内容特别有效。</p> <p>低平滑：为标准用途提供更平滑的图像移动。</p> <p>脉冲：再现原始的图像质量。提供可能会颤动的类似电影的图像。</p> <p>组合：在保持高速图像内容亮度的同时减小运动模糊。</p> <p>True Cinema：以原始帧速率再现影像，例如以每秒24帧创建的动画。</p> <p>关：不应用“Motionflow”功能。</p> <p>提示</p> <ul style="list-style-type: none"> • 如果选定的“高平滑”、“低平滑”、“脉冲”、“组合”或“True Cinema”造成失真的图像，则选择“关”。 • 根据图像内容，即使已更改了设置，也可能看不到直观的效果。 • 当输入分辨率为4096 × 2160或3840 × 2160的信号时，才能使用“关”或“脉冲”。
对比度 [CONTRAST]	<p>调整对比度。</p> <p>值越大，锐度越高；值越小，锐度越低。</p>
亮度 [BRIGHTNESS]	<p>调整图像的亮度。</p> <p>设置值越大，图像越亮。设置值越小，图像越暗。</p>
色彩	<p>调整色彩密度。</p> <p>设置值越大，强度越高。设置值越小，强度越低。</p>
色调	<p>调整色调。</p> <p>设置值越大，图像变得越绿。设置值越小，图像变得越红。</p>

设置项目	说明
色温 [COLOR TEMP]	<p>调整色温。</p> <p>D93: 相当于通常在TV中使用的9300 K色温。为白色赋予蓝色色调。</p> <p>D75: 相当于用作辅助标准照明的7500 K色温。在 “D93” 和 “D65” 之间赋予灰色色调。</p> <p>D65: 相当于用作标准照明的6500 K色温。为白色赋予红色色调。</p> <p>D55: 相当于用作辅助标准照明的5500 K色温。为白色赋予更红的色调。</p> <p>特制1至5: 能够调整、设置和存储喜爱的色温。</p> <p>出厂默认设置如下。</p> <p>特制1: 与 “D93” 色温设置相同。</p> <p>特制2: 与 “D75” 色温设置相同。</p> <p>特制3: 与 “D65” 色温设置相同。</p> <p>特制4: 与 “D55” 色温设置相同。</p> <p>特制5: 设置亮度的优先级。</p>
锐度 [SHARPNESS]	<p>锐化图像的轮廓，或减少杂讯。</p> <p>设置值越大，图像越锐利。设置值越小，图像越柔和，从而减少杂讯。</p>
专业设置	
NR （降噪）	<p>降低图像的粗糙度或杂讯。</p> <p>自动: 检测杂讯水平，以自动降低图像的粗糙度或杂讯。</p> <p>高位/中位/低位: 依照输入信号源的粗糙度或杂讯，选择设置。</p> <p>关: 不应用NR （降噪）功能。</p> <p>提示 因输入信号源不同，用 “自动” 可能无法精确检测杂讯水平。如果不能接受用 “自动” 生成的图像，可选择 “高位”、“中位”、“低位” 或 “关”。</p>
MPEG NR (MPEG降噪)	<p>减少块状杂讯和蚊式杂讯，尤其是数字信号中的这些杂讯。</p> <p>自动: 检测杂讯水平，以自动减少图像的块状杂讯和蚊式杂讯。</p> <p>高位/中位/低位: 依照输入信号源的块状杂讯和蚊式杂讯，选择设置。</p> <p>关: 不应用MPEG NR （MPEG降噪）功能。</p> <p>提示 因输入信号源不同，用 “自动” 可能无法精确检测杂讯水平。如果不能接受用 “自动” 生成的图像，可选择 “高位”、“中位”、“低位” 或 “关”。</p>
缓和色阶	<p>缓和图像平直部分的色阶。</p> <p>高位/中位/低位: 可调整缓和色阶效果。</p> <p>关: 不应用缓和色阶功能。</p>
电影模式	<p>依照已选择的电影来源，设置播放。</p> <p>自动: 适用于再现原始的图像运动。通常将此设定为 “自动”。</p> <p>关: 无需自动检测视频信号，以逐行格式播放图像。</p>

设置项目	说明
伽玛校正 [GAMMA CORRECTION]	<p>调整图像色调的响应特征。 从10个选项中选择喜爱的色调。</p> <p>1.8: 明亮 产生总体上更明亮的图像。</p> <p>2.0</p> <p>2.1</p> <p>2.2</p> <p>2.4</p> <p>2.6: 黑暗 产生总体上更暗的图像。</p> <p>伽玛7: 模拟电影的伽玛曲线。</p> <p>伽玛8: 提高图像的锐度。当在起居室等明亮的环境中观看时选择这个选项。</p> <p>伽玛9: 产生比伽玛8更亮的图像。</p> <p>伽玛10: 提高图像的锐度。当在起居室等明亮的环境中观看电视节目等时选择这个选项。</p> <p>关: 不应用“伽玛校正”功能。</p>
色彩校正 [COLOR CORRECTION]	<p>开: 调整选定色彩的色调、饱和度和亮度。</p> <p>重复下文所述的步骤 ① 和步骤 ②, 以指定目标色彩。</p> <p>① 按 ↑/↓ 以选择“色彩选择”, 然后按 ←/→ 从“红”、“黄”、“绿”、“青”、“蓝”和“品红”中选择要调整的色彩。</p> <div data-bbox="527 619 803 745" data-label="Image"> </div> <p>② 按 ↑/↓ 以选择“色调”、“饱和度”或“亮度”, 然后在观看投影的图像时使用 ←/→ 根据自己的需求进行调整。</p> <p>关: 不应用“色彩校正”效果。</p>
纯白色	<p>突出强烈的白色。</p> <p>高位/低位: 可调整“纯白色”效果。</p> <p>关: 不应用“纯白色”效果。</p>
x.v.Color	<p>当将本产品连接至支持x.v.Color的设备且播放x.v.Color视频信号时, 选择这一项。</p> <p>开: 可以播放x.v.Color视频信号。</p> <p>关: 不应用“x.v.Color”功能。</p> <p>有关x.v.Color的详细信息, 请参阅“关于x.v.Color”(第54页)。</p> <p>提示 将x.v.Color设定为“开”会禁用伽玛调整。</p>

设置项目	说明
彩色空间 [COLOR SPACE]	<p>转换彩色空间。</p> <p>BT.709: ITU-R BT.709彩色空间，用于高清电视广播或Blu-ray Disc。彩色空间等同于sRGB。</p> <p>彩色空间1: 此彩色空间适用于观看电视节目和视频影像，例如体育运动和音乐会等。</p> <p>彩色空间2: 此彩色空间适用于在起居室等明亮的环境中观看电视节目、体育运动、音乐会和其他视频影像。</p> <p>彩色空间3: 此彩色空间适用于在起居室等明亮的环境中观看电影。</p> <p>特制: 可以调整彩色空间设置。</p> 
减少输入延迟	<p>减少视频显示的延迟。</p> <p>开: 缩短显示输入视频影像的时间；使用外部控制器等设备时，对提高显示反应速度的性能有效。</p> <p>关: 关闭减少输入延迟功能。</p> <p>提示 当“减少输入延迟”设定为“开”时，无法设置Motionflow、NR和MPEG NR。</p>



高级图像设定菜单

可以调整长时间使用后出现的色彩间隙。



设置项目	说明
自动校准	预检查： 先检查与出厂默认设置的色彩差异，再开始校准。 调整： 实施自动校准。 前/后： 以某个频率切换出厂默认设置和校准后的设置。可通过监控实际图像来检查校准的效果。 重设： 重设校准结果，并恢复出厂默认设置。

注意

- 自动校准会产生相对粗糙的校准。色彩设置不保证与出厂默认值相同。
- 当实施“预检查”或“调整”时，自动投影色彩。当电源关闭后调节本机时，可能偶尔出现类似现象。两种情况均不属于故障。
- 切勿在“预检查”或“调整”期间关闭电源或操作遥控器或控制面板，因为这可能会取消操作。

提示

- dE是更改色彩的指示器。dE值越小，色彩引起的变化越少。
- 电源已打开超过30分钟后，实施校准。
- “预检查”或“调整”结束要用几分钟。
- 当开始“预检查”或“调整”时，随着镜头返回其出厂默认位置，画面位置可能会有移位。结束后画面自动恢复到先前的位置。
- 如果实施“预检查”或“调整”时房间亮度等环境出现变化，测量可能会受到影响。
- 如果“预检查”或“调整”功能失败，再次尝试。

屏幕设定菜单

可以设定图像尺寸、纵横比模式等。



注意

这些项目可能会因输入信号的类型而不可用。有关详细信息，请参阅“输入信号和调整/设置项目”（第60页）。

括号中的项目名称表示了印在遥控器上的名称。

设置项目	说明
图像位置	<p>可以最多存储镜头设置和纵横比的五个组合。设置镜头和纵横比之后，根据屏幕包角选择“1.85:1”、“2.35:1”、“特制1”、“特制2”或“特制3”，并在确认后，继续选择“保存”、“删除”或“选择”。</p> <p>保存：将当前镜头设置（透镜变点、透镜焦点、修正镜头角）存储到选定的位置中。如果已有设置存储到该位置，则覆盖原来的设置。</p> <p>删除：删除存储的设置。删除设置之后，显示屏中的“1.85:1”、“2.35:1”、“特制1”、“特制2”或“特制3”更改为“---”。</p> <p>选择：重新调用选定位置的设置。</p> <p>提示</p> <p>为每个图像位置预设优化的纵横比。可以为每个图像位置更改和保存纵横比。</p>

注意

- 如果在移动镜头时按本产品上的任何按钮，镜头停止移动。这种情况下，再次选择镜头位置或手动调整镜头。
- 当用图像位置功能时使用2.35:1或16:9包角，确保安装位置合适（第26页）。
- 图像位置功能不保证能精确再现镜头设置。

设置菜单

设置菜单用于更改出厂预设设置等。



设置项目	说明
状态	<p>设定是否显示屏幕信息或菜单等。</p> <p>开：显示屏幕信息和菜单。</p> <p>关：关闭除某些菜单、关闭电源时的信息和警告信息以外的屏幕显示。</p> <p>全部关：关闭除某些菜单和关闭电源时的信息以外的屏幕显示。</p> <p>注意</p> <ul style="list-style-type: none">选择“全部关”时，不会显示高温警告信息。请注意，Sony对于因选择“全部关”而引起的本机故障或任何意外概不负责。
语言	<p>选择菜单和屏幕显示所用的语言。</p>
菜单位置	<p>可以更改投影面上显示菜单的位置。</p> <p>左下：将菜单显示在投影面的左下区域。</p> <p>中：将菜单显示在投影面的中央。</p>
冷却设定	<p>设定本产品一般在的大气压下工作。</p> <p>高位：当在1500 m或更高的海拔使用本产品时采用此设置。</p> <p>标准：当在正常海拔使用本产品时使用此设置。</p> <p>提示</p> <p>当这一项设定为“高位”时，因为风扇转速提高，所以风扇噪声略高。</p>
遥控起动	<p>设定遥控起动设置。</p> <p>开：可以从联网的PC或终端打开电源。</p> <p>关：关闭遥控起动功能。</p> <p>提示</p> <ul style="list-style-type: none">要使用此功能，本产品应预先联网（第46页）。要用遥控起动功能打开电源，应从PC或终端发送专门的命令。有关详细信息，请咨询合格的Sony工作人员。 <p>注意</p> <p>当遥控起动设定为“开”时，将提高待机功率要求。当网络管理设定为“开”时，遥控起动设置自动设定为“关”，且无法更改设置。</p>

设置项目	说明
网络管理	<p>开：当连接至网络并与投影机控制设备持续通信时设定此项。</p> <p>注意</p> <p>当网络管理设定为“开”时，会持续启用网络功能。正常使用时将网络管理设定为“关”。如果设定为“开”，将增大功耗。</p>
节电方式	<p>设定节电方式模式。</p> <p>待机：如果10分钟没有输入信号，则自动关闭电源且投影机进入待机模式。</p> <p>关：禁用节电方式功能。</p>

功能设定菜单

功能设定菜单用于更改本产品各个功能的设置。

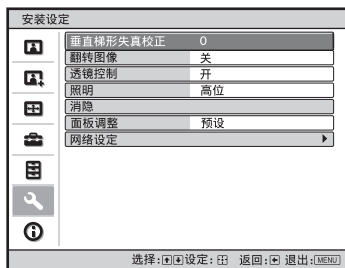




设置项目	说明
3D设定	可以更改3D功能的设置。
2D-3D显示选择	<p>用于将视频影像切换为“2D”或“3D”。</p> <p>自动：当输入含3D信息*的HDMI信号时，显示3D视频影像。当输入其他信号时显示2D视频影像。</p> <p>3D：依照“3D格式”中选定的3D系统，显示3D视频影像。但是当含3D信息的HDMI信号输入到本产品时，依照这些HDMI信号的3D系统，显示3D视频影像。</p> <p>2D：显示2D视频影像。</p> <p>* 3D信息是区分3D的附加信息。有些HDMI信号有区分3D的附加信息，有些HDMI信号没有。</p> <p>3D格式：当输入HDMI信号不包括3D信息时设定3D系统。</p> <p>模拟3D：将2D视频影像转换为3D视频影像。此设置只能用于输入HD信号。</p> <p>模拟的3D功能可能效果有限，具体取决于视频来源。</p> <p>每个人对3D视频影像的感受会有所差异。</p> <p>并排：选择此项将3D影像并排显示为两个类似的影像。</p> <p>上下：选择此项将3D影像显示为上下两个类似的影像。</p> <p>提示</p> <ul style="list-style-type: none">对于某些视频来源，“2D-3D显示选择”不能设定为“3D”。有关可用的3D信号，请参阅“兼容的3D信号”（第61页）。模拟的3D功能可能效果有限，具体取决于投影图像尺寸（建议100英寸至120英寸）和视频来源。当显示3D视频影像且用3D眼镜达到最佳观看效果时，菜单显示会有伪影。
3D亮度	<p>用于观看3D视频影像时调整图像的亮度。</p> <p>可以选择的亮度有“高”或“标准”。</p>
3D深度调节	<p>用于调整投影面上3D视频影像的深度。只有选择的3D格式不是“模拟3D”，才能进行此项设置。</p> <div>深度 - 2 - 1 0 + 1 + 2</div> <div>正面 ← 标准 → 深度</div> <p>我们建议将“3D深度调节”设定为“0”。3D视频影像可能难以感知，这取决于“3D深度调节”的设置。</p>

设置项目	说明
模拟3D效果	<p>用于调整2D内容转换为3D视频影像时的3D效果。可以选择的效果有“高位”、“中位”和“低位”。</p> <p>提示 每个人对模拟3D功能转换的3D视频影像感受有所差异。</p>
动态范围	<p>设定HDMI 1、2、3、4连接器的视频输入电平。</p> <p>自动：自动设定视频输入电平。</p> <p>有限：为16-235的信号设定视频输入电平。</p> <p>全屏幕：为0-255的信号设定视频输入电平。</p> <p>注意 如果相连的HDMI设备的视频输出设置未正确设定，视频的明亮和黑暗部分可能显示过亮或过暗。</p>
测试图案	<p>依照设置显示测试图案。</p> <p>开：测试图案出现在用“透镜焦点”、“透镜变点”和“修正镜头角”调整镜头时要使用的画面上。</p> <p>关：不显示测试图案。</p> <p>提示 当显示测试图案时，仅以绿色显示，允许您方便地调整焦点。</p>

🔧 安装设定菜单

安装设定菜单用于更改安装设置。



设置项目	说明
垂直梯形失真校正	校正图像的垂直梯形失真。 当梯形的底边长于顶边（  ）时：设定较小的值（负方向）。 当梯形的顶边长于底边（  ）时：设定较大的值（正方向）。 注意 根据用CORNER CORRECTION功能调整的图像位置，用垂直梯形失真校正调整可能使图像的纵横比不同于原始的纵横比，还可能出现图像失真。
翻转图像	水平和/或垂直翻转屏幕上的图像。 水平垂直翻转 ：水平和垂直翻转图像。 水平翻转 ：水平翻转图像。 垂直翻转 ：垂直翻转图像。 关 ：不翻转图像。 这一项用于背面投影的安装或吊顶安装。
透镜控制	避免错误地进行“透镜变点”、“透镜焦点”和“修正镜头角”等镜头的任何操作。 开 ：启用镜头的调整。 关 ：避免镜头的任何调整。
照明	更改LED指示灯的亮度。 高位 ：LED指示灯灯光明亮。 低位 ：LED指示灯灯光不太明亮。 关 ：LED指示灯常闭。

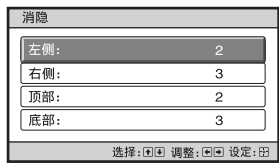
设置项目	说明
------	----

消隐

此功能允许在投影面的四个方向内调整可显示的区域。

通过使用 **↑/↓** 按钮突出显示左侧、右侧、顶部或底部，选择要调整的**边缘**。

使用 **←/→** 按钮调整消隐量。



提示

根据纵横比设置，右侧/左侧可能无法消隐。

面板调整

此功能允许在投影面上调整字符或图像色彩的间隙。

调整：选择“调整项目”或“调整色彩”来调整色彩的间隙。

调整项目：选择如何从以下进行调整。

移位：偏移整个图像并进行调整。

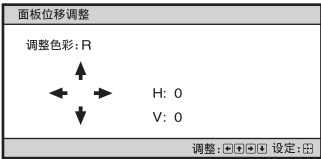
区域：选择所需的范围并进行调整。


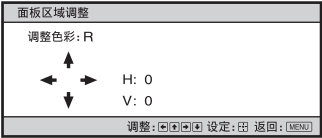
调整色彩：分配所需的色彩以调整色彩的间隙。选择“R”（红）或“B”（蓝），根据“G”（绿）进行调整。

图案色彩：当“调整色彩”为“R”（红）时，选择“R/G”（红和绿）或“R/G/B”（白色，所有色彩）。当“调整色彩”为“B”（蓝）时，选择“B/G”（蓝和绿）或“R/G/B”（白色，所有色彩）。

调整：可以用 **←/→**、**↑/↓** 按钮调整在“调整色彩”中选定色彩的移位和区域。

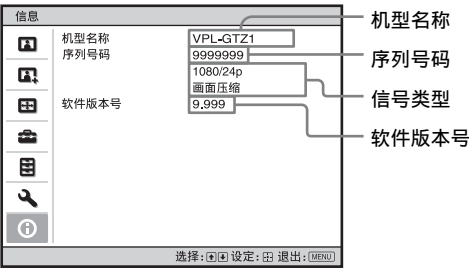
当选定“移位”时：在移位调整画面上，用 **←/→** 按钮分配水平方向（H）的设置，并用 **↑/↓** 按钮分配垂直方向（V）的设置。



设置项目	说明
	<p>当选定“区域”时：为水平位置（H位置）选择用 ←/→ 按钮调整的位置，为垂直位置（V位置）选择用 ↑/↓ 按钮调整的位置，然后按 ⏏。</p>  <p>为水平方向（H方向）设定用 ←/→ 按钮调整的量，为垂直方向（V方向）设定用 ↑/↓ 按钮调整的量。可通过按 ⏏ 选择要再次调整的位置。</p>  <p>重置：恢复出厂设置。 预设：已预设优化的数据。</p> <p>注意 经上述所做的调整后，色彩可能会不均匀或分辨率可能有变化。</p>
网络设定	实施互联网协议设置。
IPv4设定	<p>IP地址设置：选择IP地址设置方法。 自动（DHCP）：自动从路由器等DHCP服务器分配IP地址。 手动：手动指定IP地址。 当为“IP地址设置”选择“手动”时，用 ←/→ 按钮选择此项，并用 ↑/↓ 按钮输入值。当输入所有项目时，选择“应用”，然后按 ⏏ 按钮。将注册输入的设置。</p> <p>IP地址：设定本机的IP地址。 子网掩码：设定本机的子网掩码。 默认网关：设定本机的默认网关。 MAC地址：显示本机的MAC地址。这个不能更改。 应用：启用手动设置的IP地址。</p>
IPv6信息	<p>显示IPv6信息。 当设定IPv6 IP地址时，在网络浏览器上进行设置（第48页）。</p>

❶ 信息菜单

信息菜单显示机型名称、序列号码、输入信号类型和软件版本。



项目	说明
机型名称	显示机型名称
序列号码	显示序列号码。
信号类型	显示输入信号的类型。当输入带3D信息的输入信号时，显示输入信号类型和3D格式。
软件版本号	显示软件版本号。

注意

无法调整或更改以上列出的显示。

关于预设记忆

本产品用默认的图像数据，依照“预设信号”（第58页）（预设记忆）中显示的信号，以适当地调整输入信号的预设数据。当输入预设信号时，本产品自动检测信号类型，并从预设记忆中重新调用信号的数据，将其调整为最优图像。在信息❶菜单中显示信号类型。

注意

根据计算机输入信号，投影图像的某些部分可能被错误地隐藏或显示。

使用网络功能

连接至网络后允许使用以下功能：

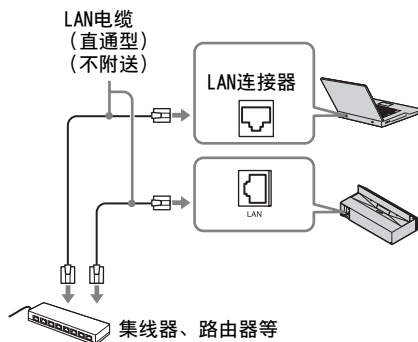
- 通过网络浏览器检查本产品的当前状态。
- 设定本产品的网络设置。
- 用控制协议 (SDAP [Advertisement]、SDCP [PJ Talk]、DDDP [AMX]、Crestron RoomView、Control4) 进行网络监控。

注意

- 当通过网络连接本投影机时，请咨询网络管理员。网络必须受到安全保护。
- 当使用连接到网络的本投影机时，通过网络浏览器访问控制窗口并更改访问限制的出厂预设值（第49页）。建议定期更改密码。
- 当完成网络浏览器上的设定时，关闭网络浏览器以便注销。
- 下文叙述时使用的菜单显示可能与您正使用的机型有所差异。
- 支持的网络浏览器为Internet Explorer 8/9/10/11。
- 菜单仅显示英语。
- 如果从计算机访问本产品时将计算机的浏览器设定为[使用代理服务器]，单击复选标记，设定为不使用代理服务器进行访问。
- AMX DDDP不兼容IPv6。
- 当开启本产品时，可使用这些网络功能。

用网络浏览器显示本产品的控制窗口

1 连接LAN电缆。



2 使用安装设定 菜单上的“网络设定”，以设定本产品的网络设置（第46页）。

3 启动计算机上的网络浏览器，在地址栏中输入以下信息，然后按计算机的回车键。

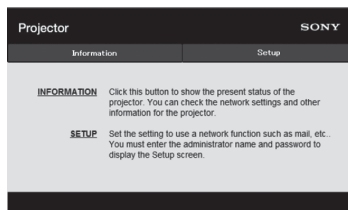
`http://xxx.xxx.xxx.xxx`
(xxx.xxx.xxx.xxx: 本产品的IP地址)

通过IPv6地址进行连接时

`http://[xxxx:xxxx:-xxxx]`

可以在安装设定 菜单的“网络设定”下，确认本产品的IP地址。

网络浏览器中出现以下窗口：

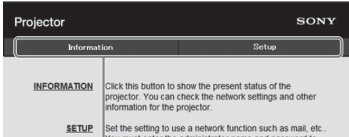


进行网络设置后，只需执行此过程的步骤3，即可打开控制窗口。

使用控制窗口

切换页面

单击其中一个页面切换按钮以显示所需的设置页面。



页面切换按钮

设置访问限制

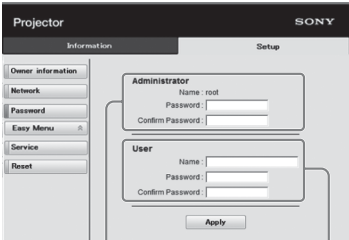
可以限制用户对任何特定页面的访问。

Administrator: 允许访问所有页面

User: 允许访问除Setup页面之外的所有页面

在Setup页面的[Password]下进行设置。第一次访问Setup页面时，输入“root”作为用户名，输入“Projector”作为密码。

管理员的名称预设为“root”。



[Administrator]输入区

[User]输入区

当更改密码时，在删除设定的密码(*****)之后输入新的密码。

注意

如果您忘记了密码，请咨询合格的Sony工作人员。

确认与本产品有关的信息

可以在Information页面上确认本产品的当前设置。




信息区




故障排除

如果本产品运行出现不稳定，请尝试按照以下指示说明进行故障诊断和矫正。如果故障依然存在，请咨询合格的Sony工作人员。

电源


症状	原因和补救措施	页码
电源未接通。	检查LED指示灯。	52
	连接交流电源线之后，要用约10秒钟让本产品准备好接通电源。稍等片刻，再次开启本产品。	-
突然断电。	检查设置  菜单中的“节电方式”设定为“待机”。	41
	将“节电方式”设定为“关”。	41

图像

症状	原因和补救措施	页码
无图像。	检查连接电缆正确连接至外部设备。	22
	通过HDMI 4连接器连接外部设备或连接电缆，本产品可能会工作不正常。这种情况下，请使用HDMI 1/HDMI 2/HDMI 3连接器，然后选择输入。	-
	使用INPUT按钮正确选择输入来源。	24
	检查设定了计算机信号输出到外部监视器。如果笔记本计算机和信号输出到显示器和外部监视器，则外部监视器的图像可能显示不正确。将计算机设置为仅将信号输出到外部监视器。	-
图像有伪影。	以3D显示视频影像。使用3D眼镜观看3D视频影像，并将“2D-3D显示选择”设定为“3D”。要将3D视频影像转换为2D视频影像，可将“2D-3D显示选择”设定为“2D”。	25, 42
视频的明亮或黑暗区域显示得过亮或过暗。	当输入的信号电平不符合HDMI标准时，可能会出现这种症状。切换相连设备的输出电平，或在本产品的功能设定  菜单上切换动态范围。	43
图像过暗。	在图像设定  菜单上正确调整“对比度”或“亮度”。	33
图像不清晰。	调整图像的焦点和修正角。	17
	镜头上结露。开启本产品电源后放置约4小时。	-
字符或图像的色彩不合适。	在安装设定  菜单的“面板调整”中选择所需的套色。	45
图像留在投影图像上。（图像残留）	当长时间显示高对比度不移动的图像时，投影图像上可能出现一些图像残留。这只是临时的状况。切断电源一段时间后就能消除残留的图像。	-

症状	原因和补救措施	页码
图像扭曲。	检查安装的投影面是否有扭曲。	15
	水平安装本产品。	15
	用CORNER CORRECTION功能调整图像失真。	17

屏幕显示

症状	原因和补救措施	页码
屏幕无显示。	将设置  菜单上的“状态”设定为“开”。	40


遥控器

症状	原因和补救措施	页码
遥控器不起作用。	电池电量可能不足。更换为新的电池。	-
	以正确的极性插入电池。	-
	如果遥控检测器附近有光源，本产品可能会工作不正常或可能出现意外的动作。	-
	确认本产品上的遥控检测器的位置。	9

3D视频影像

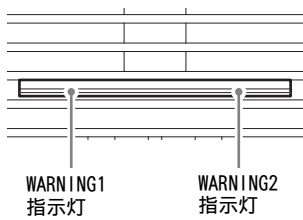
症状	原因和补救措施	页码
视频影像看起来不像3D视频影像。	检查3D眼镜是否开启。	25
	确保3D眼镜中的电池充满电。	-
	将“2D-3D显示选择”设定为“自动”或“3D”。	42
	检查输入信号是否是兼容的3D信号。	61
	可能因相连的AV选择器/AV放大器/外部设备的规格而无法输入3D信号。如果未输入3D信号，确认AV选择器/AV放大器/外部设备的规格和/或设置。	-
	当观看位置距离本产品太远时，3D眼镜可能无法正常显示影像。	25
	投影的影像尺寸不合适。减小缩放倍数，或在距离投影面更远的位置观看影像。	65
	有关详细信息，请参阅“使用3D眼镜”的“使用注意事项”。	25

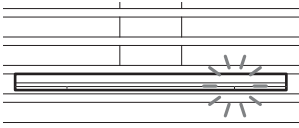
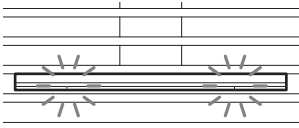
其他

症状	原因和补救措施	页码
风扇有噪声。	检查设置  菜单上“冷却设定”的设置。	40
	确保室温不太高。	-
	检查空气滤网是否未堵塞。	55
	检查本产品的安装要求。 当室温高于正常温度时，提高风扇转速，保持室内投影机组件的产品可靠性。这种情况下风扇的噪声可能稍高。本产品的正常温度近似为25℃。	-

关于指示灯

如果投影机出现任何故障，WARNING1或WARNING2指示灯点亮或闪烁。



指示灯闪烁/点亮	闪烁次数	原因和补救措施
 (红灯闪烁)	三次	光源的温度异常高。切断电源，等待光源冷却，然后再次开启电源。 如果症状依然存在，光源的使用寿命可能结束。这种情况下，请咨询合格的Sony工作人员。
	六次	本产品检测到坠落冲击。 如果本产品出现异常，请咨询合格的Sony工作人员。 如果本产品没有异常，断开交流电源线的连接，并检查LED指示灯熄灭，然后连接交流电源线，并再次开启本产品。
 (红灯闪烁) (红灯闪烁) 两个指示灯均闪烁	两次	内部温度异常高。检查以确保通风孔未被阻塞，空气滤网未堵塞，且未在高海拔地带使用本产品。
	三次	风扇坏了。请咨询合格的Sony工作人员。

注意


如果指示灯闪烁的方式不是上述任何一种，且在采取上述方法后症状依然存在，请咨询合格的Sony工作人员。

消息列表

警告消息

症状	原因和补救措施	页码
操作温度过高！将在1分钟之后关灯。	关闭电源。	-
	检查以确保通风孔未被阻塞且空气滤网未堵塞。	10, 55
频率在接受范围之外！	频率超出范围。输入本产品可接受的频率范围内的信号。	58
投影机温度过高。如果正在高海拔地区使用投影机，冷却设定应该为“高位”。	检查以确保通风孔未被阻塞且空气滤网未堵塞。	10, 55
	在高海拔地带使用本产品时，将“冷却设定”设为“高位”。	40
	注意 当本产品内部保持高温时，在1分钟后“冷却设定”切换为“高位”，然后风扇转速变快。	
设定为节电模式。投影机将在1分钟之后自动进入待机模式。	“节电方式”设定为“待机”。	41
	注意 如果未输入信号，在1分钟后电源关闭，投影机进入待机模式。	

小心消息

症状	原因和补救措施	页码
x 	选定的输入中无信号输入。检查连接。	22
不适用！	按合适的按钮。 按钮要激活的操作目前被禁止。	-

更新软件

可以下载文件以更新本产品的软件。将下载的文件复制到USB存储器，将USB存储器插入本产品的USB端子，然后进行更新。

要使用更新的功能，将USB存储器设备插入连接至互联网的PC。

从以下Sony网站下载更新文件：

<http://www.pro.sony.eu/pro/article/projectors-home-cinema-article>

此网站还说明了如何安装更新文件。

关于x.v.Color

- “x.v.Color”是赋予这些产品的推广名称，可根据xvYCC规格实现宽广的彩色空间，是Sony Corporation的商标。
- xvYCC是视频信号扩展色域彩色空间技术规格的国际标准。xvYCC的色域要比目前电视系统所用的sRGB色域更宽广。

关于模拟3D功能

- 使用模拟3D功能要考虑到图像的外观会不同于原始图像，因为此功能会转换视频影像。
- 请注意，如果将本产品用于盈利或公共播映，通过转换为模拟3D将2D视频影像显示为3D视频影像，可能会侵犯到受法律保护的作者或制作人的权利。

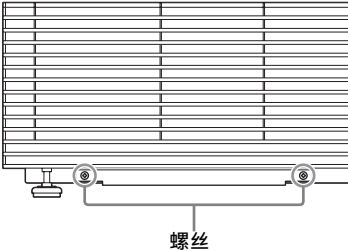
清洁空气滤网

定期清洁空气滤网。建议每6个月左右清洁一次空气滤网。
如果在清洁后仍然无法清除空气滤网上的灰尘，请更换新的空气滤网。
有关新的空气滤网的详情，请咨询Sony公司专业技术人员。

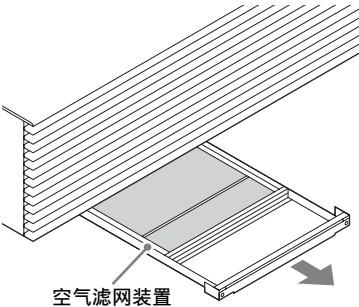
注意

如果您继续使用空气滤网，则灰尘可能会积聚而造成堵塞。因而，产品内部温度可能会升高，可能导致发生故障或起火。

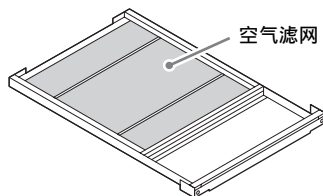
- 1 关闭投影机电源并从交流电源插座拔出交流电源线。
- 2 松开空气滤网装置上的两颗螺丝。



- 3 从投影机中拉出空气滤网装置。



- 4 用吸尘器清洁空气滤网。
清洁滤网的正反面。



- 5 安装空气滤网装置。

注释

请完全插入空气滤网装置。如果未完全插入，空气滤网将无法安装至指定位置，可能造成其脱落。

- 6 拧紧空气滤网装置上的两颗螺丝。

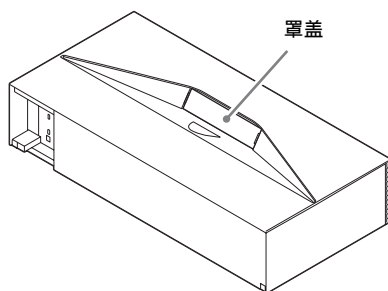
清洁

清洁机柜

- 要清除机柜的灰尘，用附送的清洁布或软布轻轻地擦拭。如果还有灰尘，将软布蘸取少量稀释的温和洗涤剂溶液后进行擦拭。
- 切勿使用任何类型的研磨垫、碱性/酸性清洁剂、擦洗粉或挥发性溶剂，例如酒精、苯、稀释剂或杀虫剂。
- 用干净的布清洁本产品。用脏布擦拭可能会划伤本产品。
- 使用这些材料或长时间接触橡胶或乙烯材料，可能会损坏机柜材料。

清洁投影窗

当清除投影窗的灰尘时，取下罩盖。



取下罩盖后清洁投影窗的玻璃表面。

注意

投影窗用玻璃制成。如果用力推或击打，可能裂开并造成人身伤害。

规格

项目		说明
显示系统		投影系统
显示设备		SXRD 0.74英寸（18.8 mm）× 3
	像素数	4096 × 2160 × 3个像素
投影镜头	缩放	有源（约1.6倍）
	焦点	有源
	修正角调整	有源
投影图像尺寸		66英寸至147英寸（1676 mm至3734 mm）
光源		激光二极管
接受的数字信号		请参阅“预设信号”（第58页）。
输入/输出 （视频/音频/控制）	HDMI输入	4
	REMOTE	RS-232C, D-sub 9针
	LAN	RJ45, 10BASE-T/100BASE-TX
	IR IN	迷你插口
	USB	A型, DC 5 V, 最大500 mA
工作温度（工作湿度）		5℃至35℃（35%至85%（无凝结））
存放温度（存放湿度）		-20℃至+60℃（10%至90%（无凝结））
电源要求		交流100 V至240 V, 5.9 A至2.5 A, 50/60 Hz
功耗		520 W
待机模式功耗		0.5 W
尺寸（长×高×宽）		1100 mm × 265 mm × 535 mm
		1250 mm × 265 mm × 535 mm（安装有把手时）
质量		约50 kg 约55 kg（安装有把手时）
附送的配件		请参阅第13页的“检查随机附件”。
选购的配件		主动式3D眼镜: TDG-BT500A

注意

- 质量和尺寸值为近似值。
- 不是所有选购的配件在所有国家和地区均有售。请与当地的Sony授权经销商确认。
- 本手册中有关配件的信息适用于目前到2014年10月。

本产品及其选购配件的设计和规格若有更改，恕不另行通知。

预设信号

下表显示了可使用本产品投影的信号和视频格式。

输入的信号不是下表所示的预设信号时，图像可能显示不正常。

预设记忆号	预设信号（分辨率）		fH (kHz)	fV (Hz)	同步
5	480/60p	480/60p (逐行NTSC) (720 × 480p)	31.470	60.000	—
6	576/50p	576/50p (逐行PAL) (720 × 576p)	31.250	50.000	—
7	1080/60i	1080/60i (1920 × 1080i)	33.750	60.000	—
8	1080/50i	1080/50i (1920 × 1080i)	28.130	50.000	—
10	720/60p	720/60p (1280 × 720p)	45.000	60.000	—
11	720/50p	720/50p (1280 × 720p)	37.500	50.000	—
12	1080/60p	1080/60p (1920 × 1080p)	67.500	60.000	—
13	1080/50p	1080/50p (1920 × 1080p)	56.260	50.000	—
14	1080/24p	1080/24p (1920 × 1080p)	26.973	23.976	—
18	720/60p (画面压缩)	720/60p (1280 × 720p)	90.000	60.000	—
19	720/50p (画面压缩)	720/50p (1280 × 720p)	75.000	50.000	—
20	1080/24p (画面压缩)	1080/24p (1920 × 1080p)	53.946	23.976	—
26	640 × 480	VESA 60	31.469	59.940	H-负、 V-负
32	800 × 600	VESA 60	37.879	60.317	H-正、 V-正
37	1024 × 768	VESA 60	48.363	60.004	H-负、 V-负
45	1280 × 960	VESA 60	60.000	60.000	H-正、 V-正
47	1280 × 1024	VESA 60	63.974	60.013	H-正、 V-正
50	1400 × 1050	SXGA+	65.317	59.978	H-负、 V-正
55	1280 × 768	1280 × 768/60	47.776	59.87	H-负、 V-正

预设记忆号	预设信号（分辨率）		fH (kHz)	fV (Hz)	同步
71	1920 × 1080/60i (画面压缩)	1080/60i (1920 × 1080i)	67.500	60.000	—
72	1920 × 1080/50i (画面压缩)	1080/50i (1920 × 1080i)	56.250	50.000	—
74	3840 × 2160/60p*	3840 × 2160/60p (3840 × 2160)	135.000	60.000	—
75	3840 × 2160/50p*	3840 × 2160/50p (3840 × 2160)	112.500	50.000	—
76	4096 × 2160/60p*	4096 × 2160/60p (4096 × 2160)	135.000	60.000	—
77	4096 × 2160/50p*	4096 × 2160/50p (4096 × 2160)	112.500	50.000	—
78	4096 × 2160/30p	4096 × 2160/30p (4096 × 2160)	67.500	30.000	—
79	4096 × 2160/25p	4096 × 2160/25p (4096 × 2160)	56.250	25.000	—
93	3840 × 2160/24p	3840 × 2160/24p (3840 × 2160)	53.946	23.976	—
94	3840 × 2160/25p	3840 × 2160/25p (3840 × 2160)	56.25	25	—
95	3840 × 2160/30p	3840 × 2160/30p (3840 × 2160)	67.4325	29.97	—
96	4096 × 2160/24p	4096 × 2160/24p (4096 × 2160)	54	24	—

* 可用于YCbCr 4:2:0/8位。

每个输入信号的预设记忆号

数字信号

信号	预设记忆号
分量信号（HDMI 1至4连接器）	5至8、10至14、18至20、71、72、74至79、93至96
视频GBR信号（HDMI 1至4连接器）	5至8、10至14、18至20、71、72、78、79、93至96
计算机信号（HDMI 1至4连接器）	10至13*、26、32、37、45、47、50、55

* 计算机的一些数字信号输入可能显示为分量或视频GBR信号的预设记忆号。

其他

输入信号和调整/设置项目

可调整的菜单项目会因输入信号而异。下表列明了可调整的菜单项目。不能调整/设置的项目不显示在菜单中。

图像设定菜单

项目	输入信号		
	分量信号	视频GBR信号	计算机信号
超高分辨率	●	●	—
激光设定	●	●	●
对比度增强	●	●	—
Motionflow	●	●	—
对比度	●	●	●
亮度	●	●	●
色彩	●	●	—
色调	●	●	—
色温	●	●	●
锐度	●	●	—
NR	●（不包括预设记忆号18至20、71、72、74至79和93至96）	●（不包括预设记忆号18至20、71、72、78、79和93至96）	—
MPEG NR	●（不包括预设记忆号18至20、71、72、74至79和93至96）	●（不包括预设记忆号18至20、71、72、78、79和93至96）	—
缓和色阶	●（不包括预设记忆号18至20、71和72）	●（不包括预设记忆号18至20、71和72）	—
电影模式	●（不包括预设记忆号5、6、10至14、18至20、74至79和93至96）	●（不包括预设记忆号5、6、10至14、18至20、78、79和93至96）	—
伽玛校正	●	●	●
色彩校正	●	●	●
纯白色	●	●	●
x.v.Color	●	—	—
彩色空间	●	●	●

●：可以调整/设置

—：不能调整/设置

屏幕设定菜单

项目	输入信号		
	分量信号	视频GBR信号	计算机信号
纵横比*1	●（不包括预设记忆号76至79和96）	●（不包括预设记忆号78、79和96）	-

●：可以调整/设置

-：不能调整/设置

*1: 有关详细信息，请参阅“纵横比模式”（第63页）中的表格。

注意

当连接HDMI电缆等电缆时，在信息 ⓘ 菜单（第47页）和“数字信号”（第59页）中检查信号类型，并检查可以调整/设置的项目。

兼容的3D信号

本产品接受以下类型的3D信号。

分辨率	3D信号格式
720/60p、720/50p	并排格式
	上下格式*
	画面压缩*
1080/60i、1080/50i	并排格式
	画面压缩
1080/24P	并排格式
	上下格式*
	画面压缩*
1080/60p、1080/50p	并排格式
	上下格式

*：HDMI 标准的强制3D格式。

3D信号和调整/设置项目

菜单上的某些项目可能因3D信号而不能调整/设置。
不能调整的项目不显示在菜单上。下表列明了这些项目。

项目	3D信号			
	720/60p、720/50p	1080/60i、1080/50i	1080/24p	1080/60p、1080/50p
超高分辨率	●	●	●	●
激光设定*1	●	●	●	●
Motionflow*2	●	●	●	●
NR	-	-	-	-
MPEG NR	-	-	-	-
缓和色阶	-	-	-	-

其他

项目	3D信号			
	720/60p、 720/50p	1080/60i、 1080/50i	1080/24p	1080/60p、 1080/50p
电影模式	-	●	-	-
x.v.Color	●	●	●	●
纵横比*3	●	●	●	●


●：可以调整/设置

-：不能调整/设置

*1: 不能选择 “动态控制”。

*2: 这一项不可用于720/60p的画面压缩/上下/并排，也不可用于1080/60p的并排。

*3: 有关详细信息，请参阅 “纵横比模式”（第63页）中的表格。

当本产品设定为将2D视频影像转换为3D视频影像时，根据功能设定  菜单上的 “3D格式” 设置，某些菜单项可能不可以进行调整/设置。不能调整的项目不显示在菜单上。下表列明了这些项目。

项目	3D信号		
	上下	并排	模拟3D
超高分辨率	●	●	●
激光设定*1	●	●	●
Motionflow*2	●	●	●
NR	-	-	●
MPEG NR	-	-	●
缓和色阶	-	-	●
电影模式*3	-	●	●
x.v.Color	●	●	●
纵横比*4	●	●	●

●：可以调整/设置

-：不能调整/设置

*1: 不能选择 “动态控制”。

*2: 这一项不可用于720/60p的上下/并排，也不可用于1080/60p的并排。

*3: 这一项仅可用于1080/60i或1080/50i。

*4: 有关详细信息，请参阅 “纵横比模式”（第63页）中的表格。

纵横比模式

可选择的项目因输入信号类型或3D格式而异。
有关详细信息，请参阅下表。不能选择的项目不显示在菜单中。

2D

可接受的信号	4096 × 2160	3840 × 2160	1920 × 1080 1280 × 720	720 × 480 720 × 576	其他
预设记忆号 (第58页)	76至79、96	74、75、93 至95	7、8、10至 14	5、6	26、32、 37、45、 47、50、 55
1.85:1放大	—	—	●	●	—
2.35:1放大	—	●	●	●	—
标准	●*1	●	●	●	●*1
拉伸	—	—	—	●	—

*1: 设为标准时不固定显示在菜单中。

3D

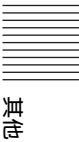
可接受的信号	1920 × 1080、1280 × 720			
3D格式	并排	上下	画面压缩	模拟3D
预设记忆号 (第58页)	7、8、10至14	10至14	18至20、71、 72	7、8、10至14
1.85:1放大	●	●	●	●
2.35:1放大	●	●	●	●
标准	●	●	●	●
拉伸	—	—	—	—

调整/设置项目的存储条件

单独为每个输入连接器存储每个调整/设置项目。有关更多详细信息，请参阅下表。

每个输入信号的预设记忆号

输入	预设记忆号
HDMI 1至4 (2D)	5至8、10至14、26、32、37、45、47、50、55、74至79、 93至96
HDMI 1至4 (3D)	7、8、10至14、18至20、71、72



规格

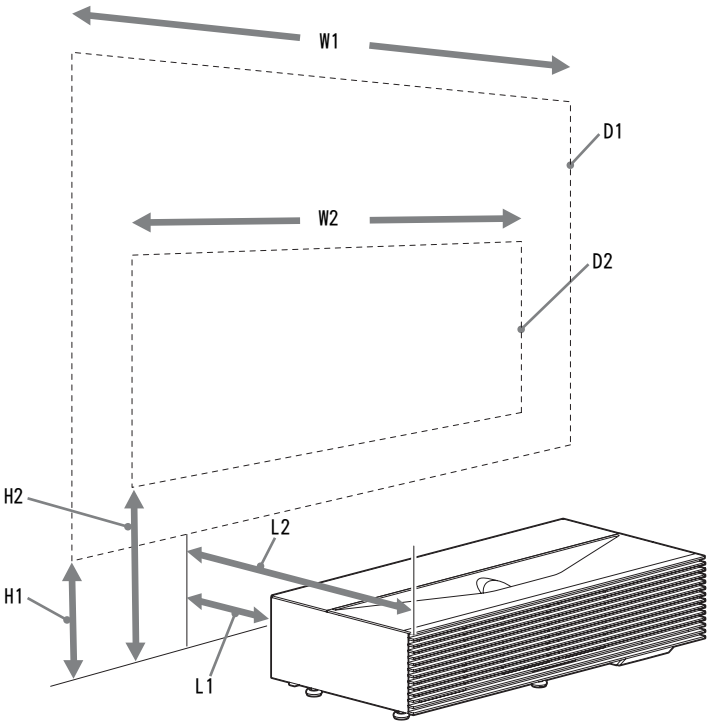
图像设定菜单

项目	存储条件
校准预设	针对每个输入连接器
重设	针对每个输入连接器和校准预设
超高分辨率	
激光设定	
对比度增强	
Motionflow	
对比度	
亮度	
色彩	
色调	
色温	
D93-D55	
特制1-5	
增益R	针对每个色温，特制1-5
增益G	
增益B	
偏置R	
偏置G	
偏置B	
锐度	针对每个输入连接器和校准预设
NR	
MPEG NR	
缓和色阶	
电影模式	
伽玛校正	
色彩校正	
纯白色	
x.v.Color	
彩色空间	

屏幕设定菜单

项目	存储条件
纵横比	针对图像位置1.85:1、2.35:1或特制1-3

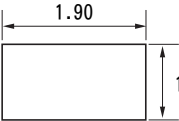
安装距离和投影图像尺寸



- L1: 从投影面到本产品背面的距离
- L2: 从投影面到本产品正面的距离
- D1: 最大投影图像尺寸
- D2: 最小投影图像尺寸
- H1: 从地板到投影图像 (D1) 底部的距离
- H2: 从地板到投影图像 (D2) 底部的距离

其他

当以1.90:1（原生全屏显示17:9）格式投影时



	投影图像尺寸						安装距离	
	最大值			最小值			从投影面到本产品背面L1	从投影面到本产品正面L2
	对角线 1 (D1)	宽度×高度	底部高度(H1)	对角线 2 (D2)	宽度×高度	底部高度(H2)		
最大投影	147英寸 (3.73 m)	3.30 m × 1.74 m	45 cm	92英寸 (2.34 m)	2.07 m × 1.09 m	57 cm	17 cm	70.5 cm
中间位置	127英寸 (3.23 m)	2.84 m × 1.50 m	41 cm	79英寸 (2.03 m)	1.78 m × 0.94 m	51 cm	8.5 cm	62.0 cm
最短距离安装	106英寸 (2.69 m)	2.39 m × 1.26 m	38 cm	66英寸 (1.68 m)	1.49 m × 0.79 m	46 cm	0 cm	53.5 cm

公式1（根据投影图像尺寸计算安装距离）

单位：cm

最大投影图像尺寸	最小投影图像尺寸
$L1 = 0.1857 \times W1 - 44.3090$	$L1 = 0.2964 \times W2 - 44.2027$
$L2 = 0.1857 \times W1 + 9.1910$	$L2 = 0.2964 \times W2 + 9.2973$

公式2（根据安装距离计算投影图像尺寸）

单位：cm

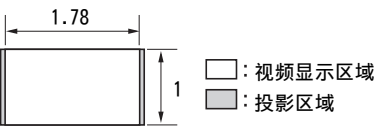
从投影面到本产品背面	从投影面到本产品正面
$W1 = 5.3850 \times L1 + 238.6044$	$W1 = 5.3850 \times L2 - 49.4932$
$W2 = 3.3734 \times L1 + 149.1119$	$W2 = 3.3734 \times L2 - 31.3627$

公式3（计算从地板到投影图像底部的距离）

单位：cm

最大投影图像尺寸	最小投影图像尺寸
$H1 = 0.0798 \times W1 + 18.6804$	$H2 = 0.1830 \times W2 + 18.8798$

当以1.78:1（16:9）格式投影时



	投影图像尺寸						安装距离	
	最大值			最小值			从投影面到本产品背面L1	从投影面到本产品正面L2
	对角线1 (D1)	宽度×高度	底部高度 (H1)	对角线2 (D2)	宽度×高度	底部高度 (H2)		
最大投影	140英寸 (3.56 m)	3.10 m × 1.74 m	45 cm	88英寸 (2.24 m)	1.94 m × 1.09 m	57 cm	17 cm	70.5 cm
中间位置	120英寸 (3.05 m)	2.67 m × 1.50 m	41 cm	75英寸 (1.91 m)	1.67 m × 0.94 m	51 cm	8.5 cm	62.0 cm
最短距离安装	101英寸 (2.57 m)	2.24 m × 1.26 m	38 cm	63英寸 (1.60 m)	1.40 m × 0.79 m	46 cm	0 cm	53.5 cm

公式1（根据投影图像尺寸计算安装距离）

单位: cm

最大投影图像尺寸	最小投影图像尺寸
$L1 = 0.1980 \times W1 - 44.3078$	$L1 = 0.3163 \times W2 - 44.2027$
$L2 = 0.1980 \times W1 + 9.1922$	$L2 = 0.3163 \times W2 + 9.2793$

公式2（根据安装距离计算投影图像尺寸）

单位: cm

从投影面到本产品背面	从投影面到本产品正面
$W1 = 5.0502 \times L1 + 223.7640$	$W1 = 5.0502 \times L2 - 46.4218$
$W2 = 3.1620 \times L1 + 139.8246$	$W2 = 3.1620 \times L2 - 29.3402$

公式3（计算从地板到投影图像底部的距离）

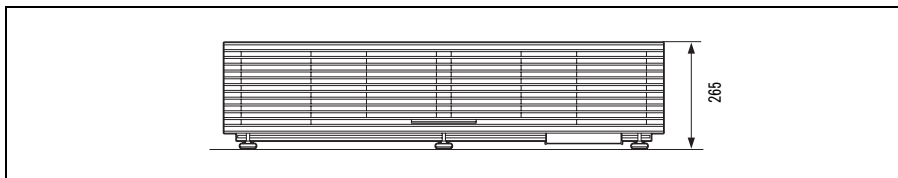
单位: cm

最大投影图像尺寸	最小投影图像尺寸
$H1 = 0.0851 \times W1 + 18.6809$	$H2 = 0.1953 \times W2 + 18.8687$

尺寸

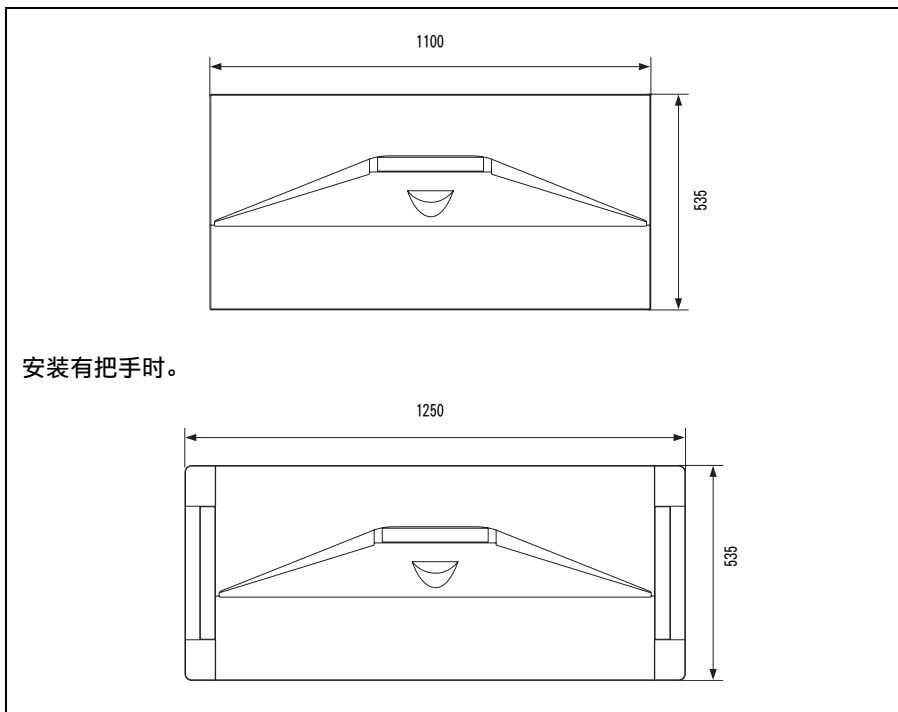
正面

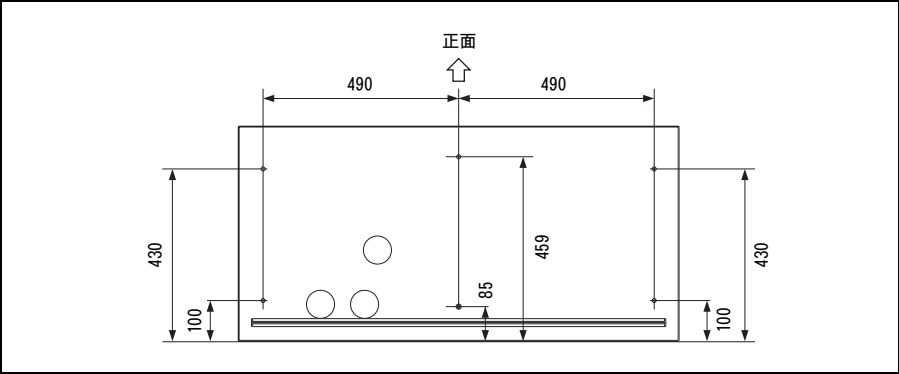
单位: mm



顶部

单位: mm

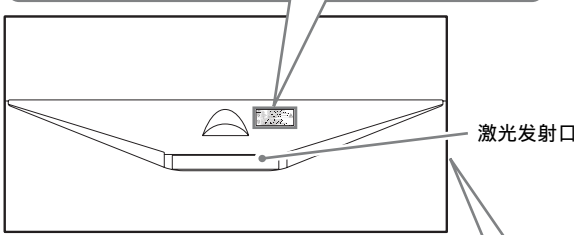




标签位置

警告标签

<p>警告</p> <p>禁止</p>	<p>注意</p> <p>レンズをのぞかない。投影中にプロジェクターのレンズをのぞくと、強い光が目に見えることがあります。</p> <p>Do not look into the lens while in use.</p> <p>Ne regardez pas dans l'objectif pendant son utilisation.</p> <p>Vorsicht</p> <p>Schauen Sie nicht in das Objektiv, während es verwendet wird.</p> <p>Precaución</p> <p>No examine la lente mientras la utilice.</p> <p>ОСТОРОЖНО</p> <p>Не пытайтесь смотреть сквозь линзу при использовании.</p> <p>Attenzione</p> <p>Non guardare nella lente durante l'uso.</p> <p>注意</p> <p>使用时请不要看镜头。</p>	
<p>禁止</p>	<p>レンズ面のすぐ前で光を遮らないでください。</p> <p>Do not obstruct the light just before the lens of the projector.</p> <p>Ne pas obstruer la lumière juste devant l'objectif du projecteur.</p> <p>Nicht das Licht direkt vor dem Projektorobjektiv blockieren.</p> <p>No obstruya la luz justo delante del objetivo del proyector.</p> <p>Не загромождавать свет непосредственно перед линзой проектора.</p> <p>Non ostruire il passaggio della luce davanti all'obiettivo del proiettore.</p> <p>不要在投影机的镜头前面遮挡光线。</p>	<p>4-539-766-</p>



说明标签

<p>激光辐射</p> <p>勿直视光束</p> <p>2类激光产品</p> <p>波长:455-470nm 最大输出:20mW</p>	<p>GB7247.1-2012</p> <p>《激光产品安全 第1部分:设备分类、要求》</p> <p>4-562-468-</p>
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其他

激光二极管特性

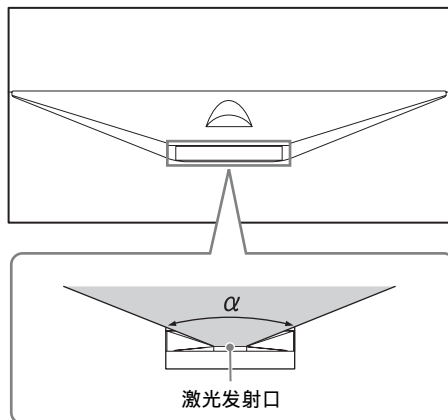
3.5 W, 28个激光二极管 (440 nm至455 nm)

2.4 W, 7个激光二极管 (455 nm至470 nm)

从本产品的投影窗的射束发散角

广角: $\alpha = 144^\circ$

长焦: $\alpha = 123^\circ$



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Package list:

linux-kernel
alsa-lib
busybox
crypto
directfb
dosfstools
e2fsprogs
exceptionmonitor
fuse
gdisk
glib
glibc
iptables
libmicrohttpd
libnuma (in numactl)
procps
pump-autoip
XZ utils

Source code for these executables and libraries, as well as other executables and libraries, can be obtained using the following link:

<http://oss.sony.net/Products/Linux/>

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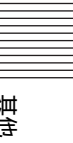
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