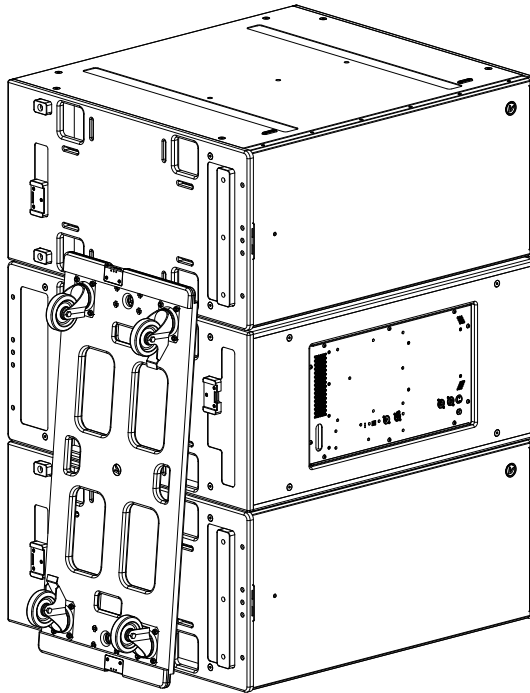
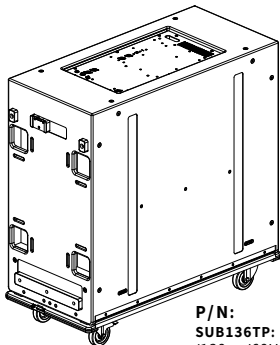




SUB136TP-PCWBKS **SUB136P/SUB136PW**

用户手册 / User ' manual



P/N:
SUB136TP:
(120V~/60Hz)060200000189400
(240V~/50Hz)060200000189700
SUB136TP-PCWBKS 包含流动套件:
(120V~/60Hz)060200000173400
(240V~/50Hz)060200000173700

电声部分

输入灵敏度: 1v
最大声压级(36~200Hz): >137dB(音乐)
短期突发最大声压级: >140dB (半空间下1米处的峰值水平)
频率响应: 28~2.2kHz(-10dB)
推荐工作频率范围: 35~120Hz
电源电压: 120V~/60Hz或者240V~/50Hz
扬声器: 双18"/8Ω N.C.4"/铁磁驱动单元
功放: 2x1200W(RMS)@8Ω D类
冷却方式: 强制风冷
音箱处理器: 内置可控制DSP数字处理器
DSP最大延时: 5ms(1.7m); 10段EQ; Q值0.2~25;
每段EQ具有: BES/BW 6~24dB Qct可选择
LR 12~24dB Qct可选择
每段EQ提供: Bell/Notch/Hi-shelf
Lo-shelf/All Pass 滤波器可选择

连接接口

2xNEUTRIK® PowerCon®型电源螺旋座接口
2xNEUTRIK® XLR音频信号接口
DSP控制连接: USB-B型母座

箱体材质

数控加工, 入集拼接, 18mm桦木多层胶合板
沙质文理耐磨环保喷漆涂层

产品尺寸

SUB136TP:W106xH50xD95cm
SUB136TP-PCWBKS:W111xH115xD56cm

产品重量

SUB136TP:108kg
SUB136TP-PCWBKS:139kg

SUB136TP-PCWBK (流动护运套件)

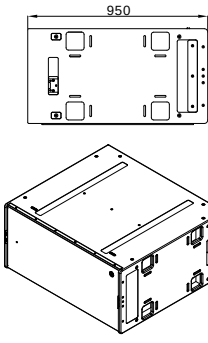
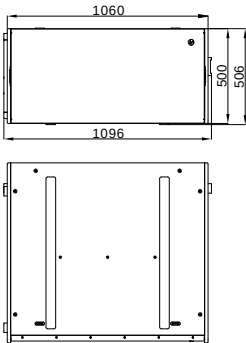
是专门为SUB136TP流动演出配套的包装运输套件。
顶盖、音箱和板车可以扣在一起, 起到保护音箱并在运输时可以让两只SUB136TP堆叠。节约运输空间的目的。顶盖和板车扣在一起时其空间可以在演出期间用于收纳音箱套。

SUB136TP-PCWBKS是专门为流动演出配套的超低频有源音箱。

属于IWAC线阵系列内的产品。配件包含专门的板车和防护套等产品, 是流动演出必备配件。音箱专门配备了2x1200W的D类驱动模块, 特意采用传统的环形变压器电源, 确保了超低频效果。音箱具有最高达137dB的连续音乐高声压输出能力(数据为单只1米距离贴地面自由场测量)。桦木集拼结构全加固的箱体, 加以砂质纹理涂层, 彰显其专业属性。只有50cm的高度大幅提高其堆叠安装的便利性。

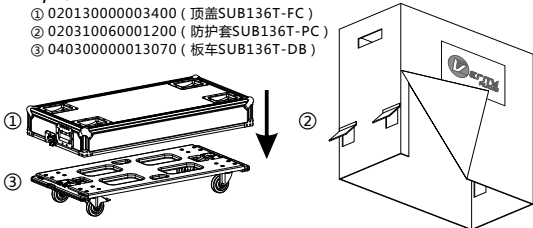
在堆叠上, 可以横竖两个方向正反两个方向进行堆叠, 为超低频阵列需要创造条件。这款产品配备了专业的板车和防护套, 是巡演必备的配件。产品应用可含盖各类型的大中型流动演出需要。同时为IWAC220P专门配备了堆叠支架安装位。

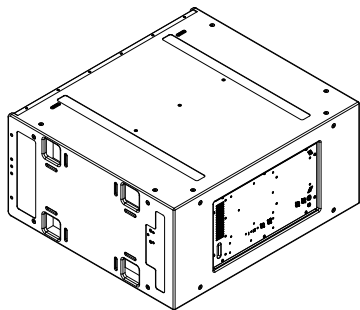
输入面板:



P/N:

- ① 020130000003400 (顶盖SUB136T-FC)
- ② 0203100600001200 (防护套SUB136T-PC)
- ③ 0403000000013070 (板车SUB136T-DB)





P/N:

(120v~ /60Hz)060200000168400 SUB136P)
(120v~ /60Hz)060200000169400 SUB136PW) 曲
(240v~ /50Hz)060200000168700 SUB136P)
(240v~ /50Hz)060200000169700 SUB136PW) 曲

电声部分

输入灵敏度：1v
最大声压级(36~200Hz)：>137dB(音乐)
短期猝发最大声压级：>140dB (半空间下1米处的峰值水平)
频率响应：28~2.2kHz(-10dB)
推荐工作频响范围：35~120Hz
电源电压：120v~ /60Hz或者240v~ /50Hz
扬声器：双18"/8Ω N.C.4"/铁磁锥形驱动单元
功放：2x1200W(RMS)@8Ω D类
冷却方式：强制风冷
音箱处理器：内置可控制DSP数字处理器
DSP最大延时：5ms;10 段EQ;Q 值.2-25;
每段EQ具有:BES / BW 6~24dB 可选择
LR 12~ 24dB 可选择
每段EQ提供:Bell/Notch/Hi-shelf
Lo-shelf/All Pass 滤波器可选择

连接接口

2xNEUTRIK® PowerCon®型电源螺旋座接口
2xNEUTRIK®XLR音频信号接口
DSP控制连接：USB-B型母座

箱体材质

数控加工，入隼拼接，18mm桦木多层胶合板
沙质文理耐磨环保喷漆涂层

产品尺寸

SUB136P(W):W106xH50xD95cm

产品重量

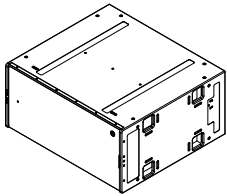
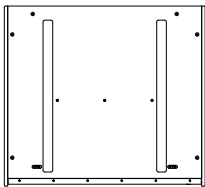
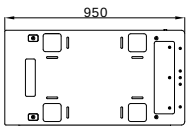
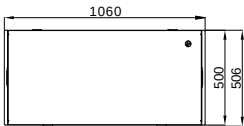
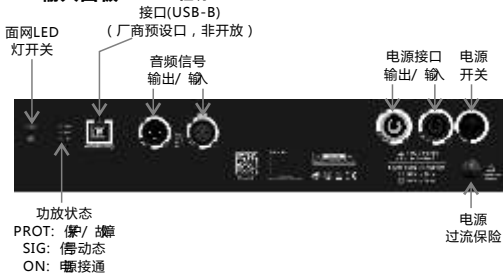
N.W:106kg
G.W:119kg

DSP软件使用说明

设备连接控制：(厂商预设，开放，藏使用权限请联系技术支持)
用USB HUB星形连接，电脑端一路USB最多可连接并控制4台SUB136TP。

SUB136P/SUB136PW是专属室内固定安装的双18寸超低音箱。提供黑白两种颜色选择。属于IWAC线阵系列内的产品。音箱专门配备了2x1200W的D类驱动模块，特意采用传统的环形变压器电源，确保了超低频效果。具有最高达137dB的连续音乐高声压输出（数据为单只1米距离贴地面自由场测量）
桦木隼拼结构的加固箱体，加以砂质纹理耐磨涂层，彰显其专业属性。
安装上，只有单只音箱高度只有50cm，堆叠两只也只有1米高。可以横向正反两个方向进行堆叠，为超低频阵列需要创造条件。
应用上可含盖各类型的大中型场馆需要。
音箱同时为IWAC220iP专门设计了堆叠支架安装点。

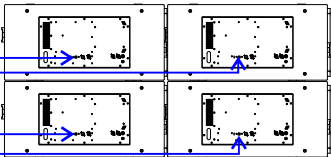
输入面版：



PC



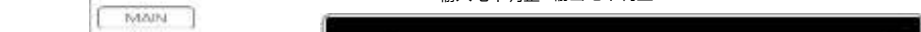
USB HUB



SUB136TP

100

Downloaded from <http://ajph.org/> on November 10, 2015



1



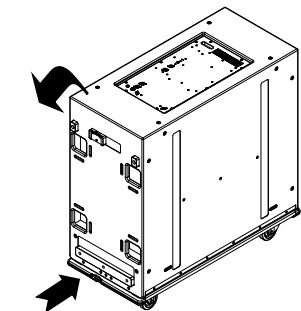
1) Bell: 钟滤波器
2) Notch: 陷波器

堆叠应用:

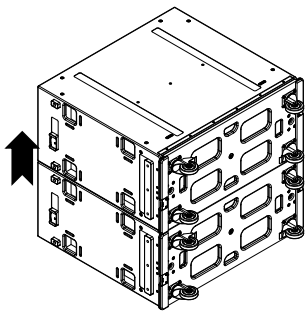
SUB136TP系列允许以下的不同堆叠方式，通过物理及电子手段，组成需要的超低频阵列。

堆叠：

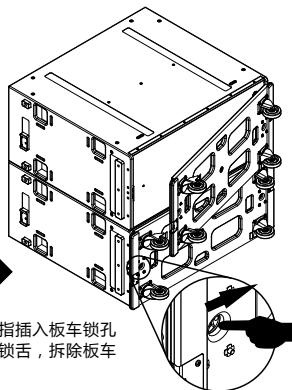
两人合力翻侧音箱落地，堆叠后，再拆除板车。



两人同时用脚定位脚轮
并用手翻倒音箱并缓慢放置地面。



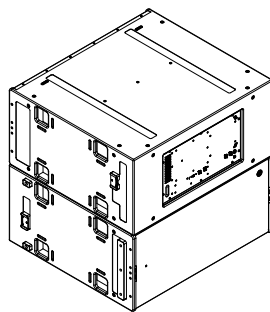
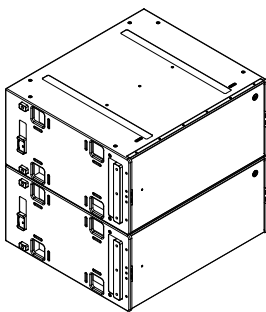
两人合力堆叠音箱。
建议不要堆叠超过4层



用手指插入板车锁孔
拨动锁舌，拆除板车

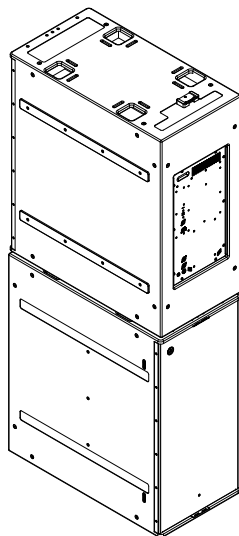
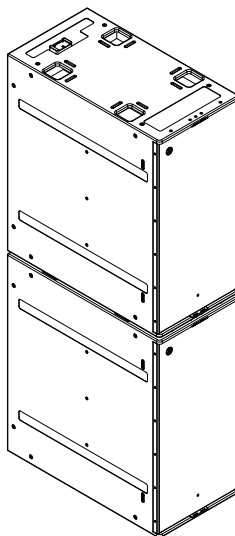
常规堆叠

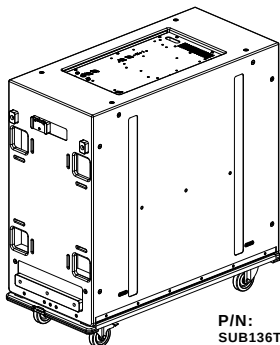
大部分情况属于这样的堆叠方式。
音箱允许同向和反向堆叠。



竖向堆叠(仅限SUB136TP)

若是碰到安放位置狭窄，可以
采用竖向堆叠。
同样地允许正反两个方向堆叠。





P/N:
SUB136TP:
 (120v~/60Hz)060200000189400
 (240v~/50Hz)060200000189700
SUB136TP-PCWBKS:
 Including transportation kit
 (120v~/60Hz)060200000173400
 (240v~/50Hz)060200000173700

Electroacoustic

Input sensitivity:1v
 Max SPL:>137dB(36~200Hz)
 Short term max SPL:>140dB
 (Peak level at 1 m under half space)
 Frequency Range:28~2.2kHz (-10dB)
 Frequency Response:35~120Hz
 Electric power:120v~/60Hz ; 240v~/50Hz
 Speaker Drivers:
 Dual 18"Carbon fiber cone ferrite driver (V.C:4"8Ω)
 Amplifier:2x1200W(RMS)@8Ω CLASS D
 Cooling:Forced air cooling
 Processor:24 Bit DSP
 DSP Max Delay:5ms(1.7m);
 10 bands PEQ:Q:0.2~25 adjustable;
 Bes/BW 6~24dB /oct & L-R 12~24dB/oct Optional
 Bell/Notch/Hi-shelf/Lo-shelf/All Pass Optional

Connector

2x**NEUTRIK**® PowerCon®
 2x**NEUTRIK**®XLR
 DSP control:USB-B(For factory only!)

Cabinet

CNC tongue and groove cabinet 18mm birch wood
 Environmental ivory white surface treatment

Product dimension(cm)

SUB136TP:W106xH50xD95
 SUB136TP-PCWBKS:W111xH115xD56

N.W(SUB136TP)/G.W(SUB136TP-PCWBKS)

108kg/139kg

SUB136TP-PCWBK (protective accessories)

Special designed for packing and transportation accessories for SUB136TP

The top cover, cabinets and scooters can be buckled together to protect the cabinets and allow two SUB136TP stacking to transportation It can be used for storing the speaker protective cover during the performance when the top cover and the cart are buckled together.

SUB136TP-PCWBKS is a active subwoofer specially designed for touring performances.Belongs to the IWAC series product.Accessories include SUB136T-DB and SUB136T-FC that are essential for touring.

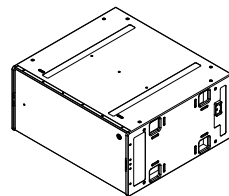
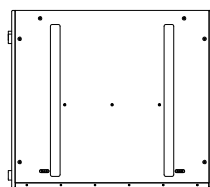
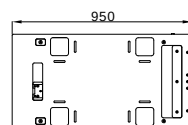
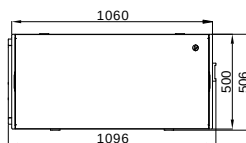
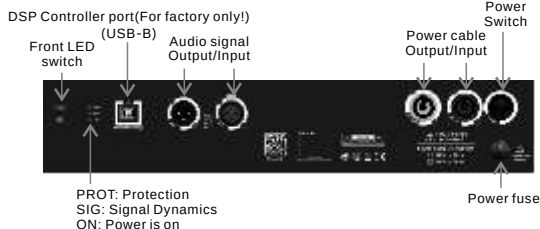
The loudspeaker is specially equipped with a 2x1200W Class D amplifier module, and the traditional toroidal transformer power supply is used to ensure the ultra-low frequency effect. It can delivery sound pressure up to 137dB(measured distance in 1m and half space with single cabinet).

Birch plywood cabinet with CNC manufacturing process, emery spraying craft make it highly durable and professional. Only 50cm height greatly increases the convenience of its stacking installation.

Can be stacked in both directions, both horizontally and vertically, creating conditions for ultra low frequency arrays. This product is equipped with a SUB136T-DB and SUB136T-FC, is the necessary accessories for the touring performance. This product is a good choose used in medium and large touring.

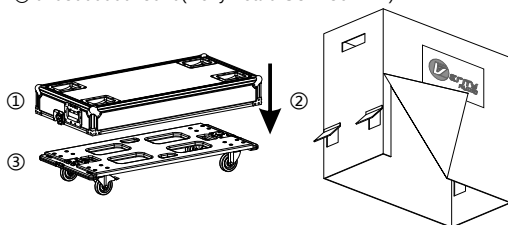
Special designed stack adapter(SA)to make it can work with IWAC220P.

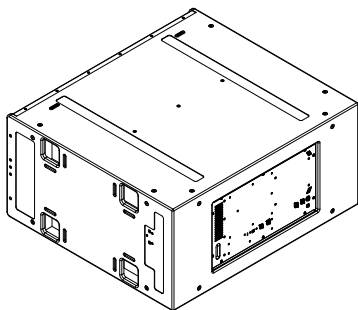
Input Panel:



P/N:

- ① 020130000003400(Top flight Case:SUB136T-FC)
- ② 020310060001200(Protective cover:SUB136T-PC)
- ③ 0403000000013070(Dolly Board:SUB136T-DB)





P/N:

(120v~/60Hz)060200000168400 SUB136P
 (120v~/60Hz)060200000169400 SUB136PW)White
 (240v~/50Hz)060200000168700 SUB136P
 (240v~/50Hz)060200000169700 SUB136PW)White

SUB136P/ SUB136PW is fixed installation dual 18" active ultra low frequency subwoofer.
 Provide black and white two color subwoofers
 The loudspeaker is specially equipped with a 2x1200W Class D amplifier module, and the traditional toroidal transformer power supply is used to ensure the ultra-low frequency effect. It can delivery sound pressure up to 137dB(measured distance in 1m and half space with single cabinet).
 Birch plywood cabinet with CNC manufacturing process,emery spraying craft make it highly durable and it can stack in vertical and horizontal.
 This product is a good choose used in small and medium touring and medium throw distance reinforcement situation.
 Special designed stack adapter(SA)to make it can work with IWAC220iP.

Electroacoustic

Input sensitivity:1v
 Max SPL:>137dB(36~200Hz)
 Short term max SPL:>140dB
 (Peak level at 1 m under half space)
 Frequency Range:28~2.2kHz (-10dB)
 Frequency Response:35~120Hz
 Electric power:120v~/60Hz ; 240v~/50Hz
 Speaker Drivers:
 2x18"Carbon fiber cone ferrite driver (V.C:4"8Ω)
 Amplifier:2x1200W(RMS)@8Ω CLASS D
 Cooling:Forced air cooling
 Processor:24 Bit DSP
 DSP Max Delay:5ms(1.7m);
 10 bands PEQ:Q:0.2-25 adjustable;
 Bes/BW 6~24dB /oct & L-R 12~24dB/oct Optional
 Bell/Notch/Hi-shelf/Lo-shelf/All Pass Optional

Connector

2xNEUTRIK® PowerCon®
 2xNEUTRIK®XLR
 DSP control:USB-B(For factory only!)

Cabinet

CNC tongue and groove cabinet 18mm birch wood
 Environmental ivory white surface treatment

Product dimension/Packing dimension(cm)

W106xH50xD95 / W115xH59xW104

N.W/G.W

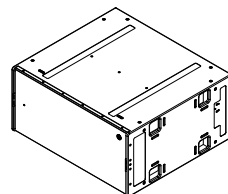
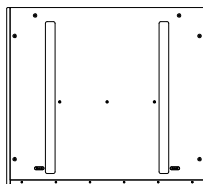
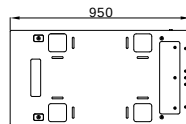
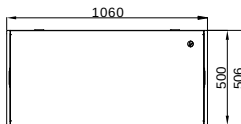
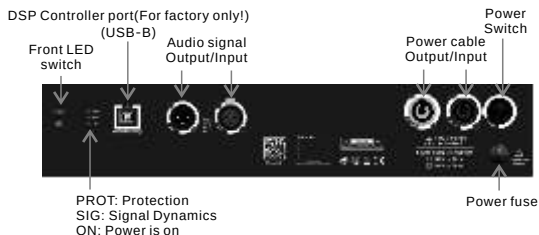
106kg/119kg

DSP Software guide

Device connection:(For factory only!)

With USB HUB star connection, the USB port can connect and control up to 4 SUB136TP.

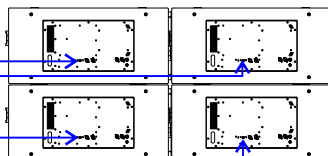
Input Panel:



PC

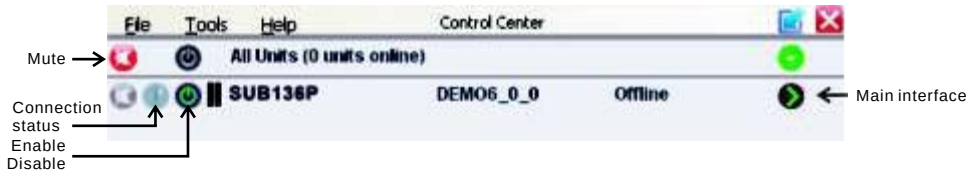


USB HUB

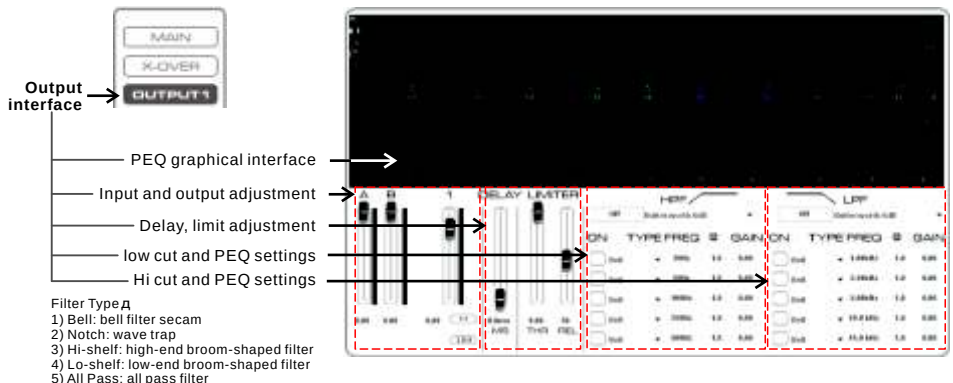
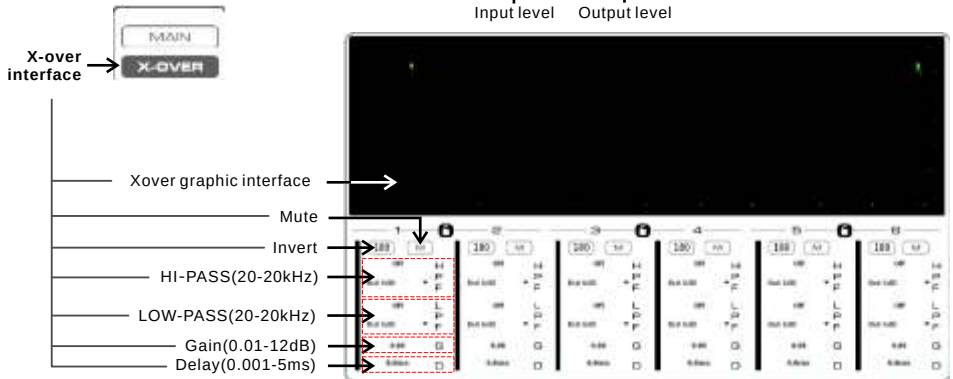
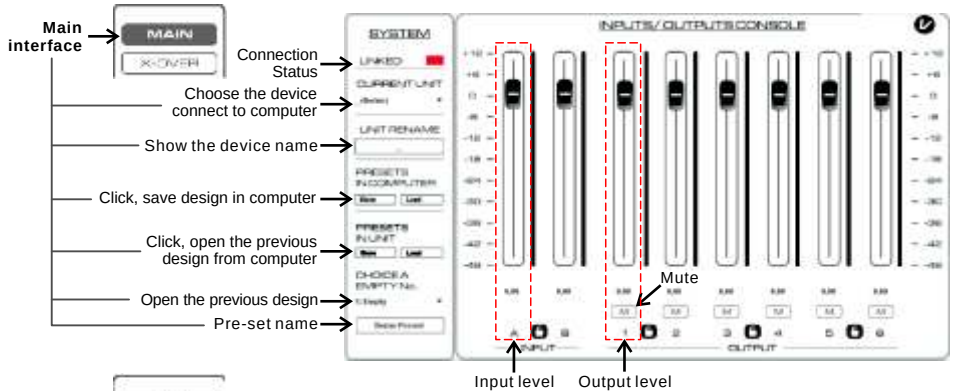


SUB136TP

Equipment state control panel



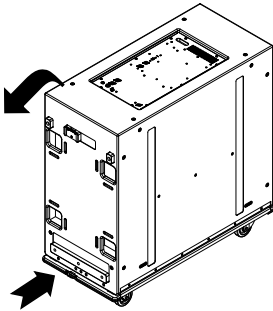
DSP Control dialog (hardware preset for A channel input and 1 channel output)



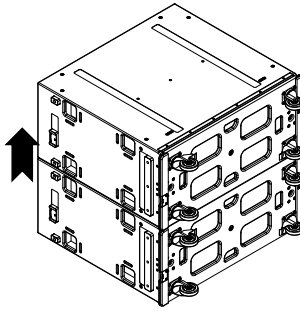
Stacking Application

The SUB136TP series allows the following different stacking methods to work as the subwoofer array by physical and electronic means.

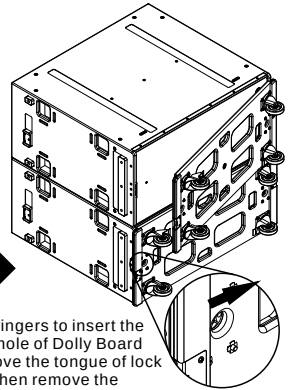
Stacking: Two people work together to flip the speakers to the ground, after stacking, then remove the Dolly Board



Both of man use feet to position the casters at the same time and flip them over to the cabinet and slowly place the ground



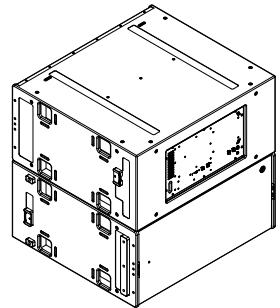
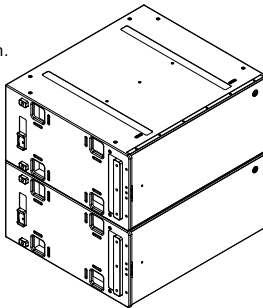
To stack the cabinet at least need two persons we recommend not to stack more than 4 loudspeakers



Use fingers to insert the lock hole of Dolly Board to move the tongue of lock and then remove the Dolly Board

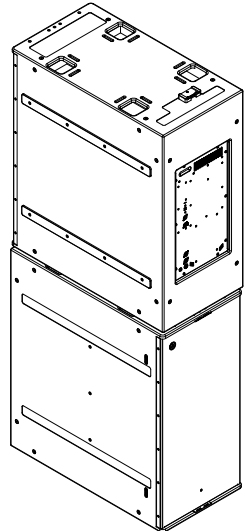
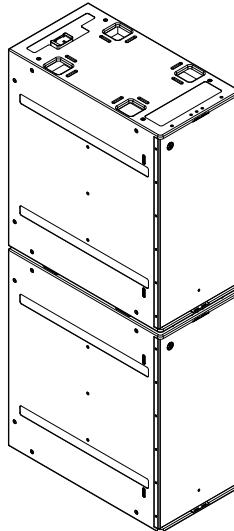
Conventional stacking

This stacking method is used in most occasion. loudspeakers allow stacking in the same and opposite directions in the same group



Vertical stacking (SUB136TP only)

Vertical stacking can be used when the placement position is narrow it allow stacking in the same and opposite directions in the same group



Verity Audio reserves the right to make any changes to the product specifications without prior notice.
Final specifications to be found in the user manual.

