

BUSB series software user manual

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Interface introduction

Select language

Group:
Group of sounds that would play back for each activation. It is played sequentially.

Wav / mute:
Sound files that you want to play. Multiple files play in sequence you enter here.

Rate:
Sample rate. Higher sample rate gives higher sound quality

O1:
LED output setting

Check the size of memory on BUSB series.
For 150s version, it would show PM6608.
For 300s version, it would show PM6616.

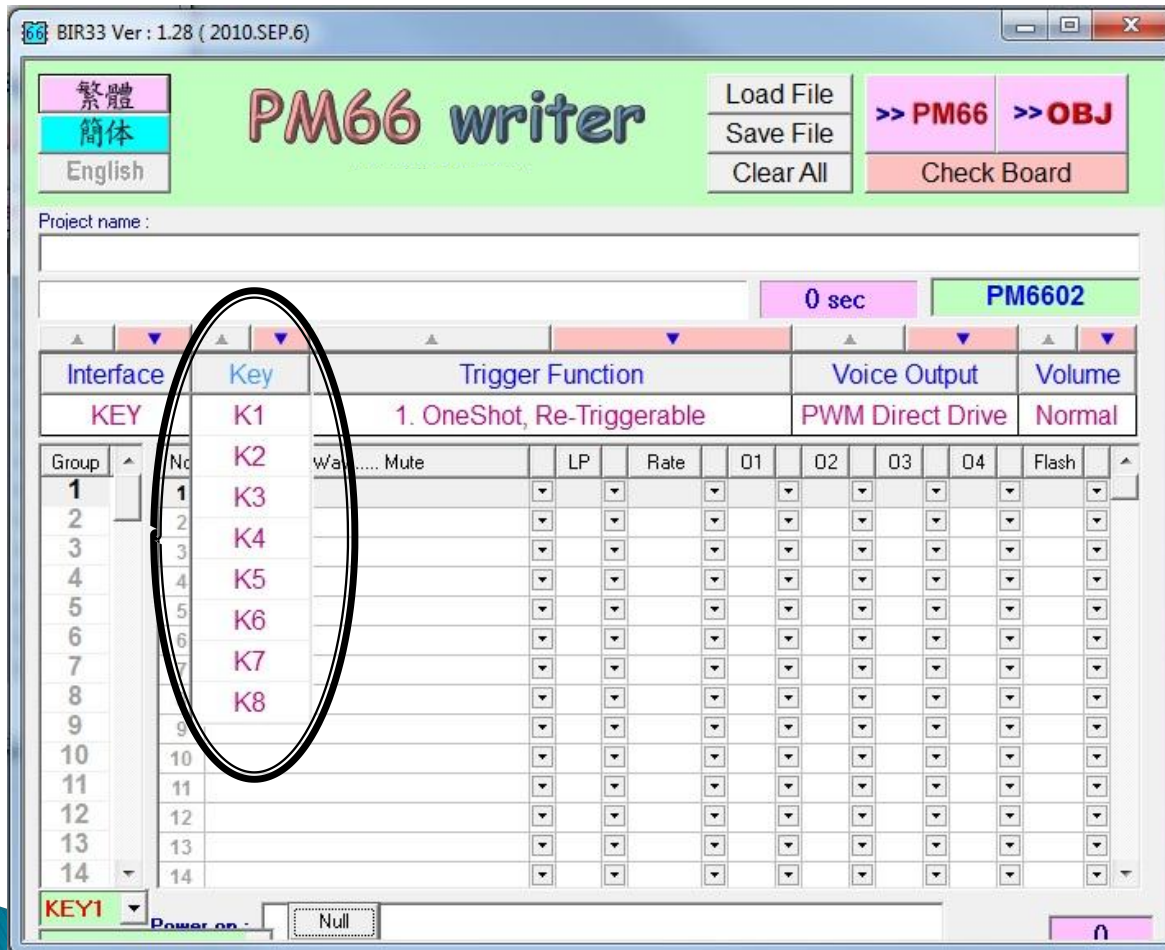
Showing the minimum required memory for the sound entered.

If it is showing PM6632 or larger number then the module, please reduce the sample rate.

Flash:
LED flashing speed setting

The screenshot shows the 'PM66 writer' software window. At the top left, there are language selection buttons: '繁體' (Traditional Chinese), '簡體' (Simplified Chinese), and 'English'. To the right of these are buttons for 'Load File', 'Save File', 'Clear All', and a 'Check Board' button. Below the language buttons is a 'Project name' field. In the center, there's a display showing '0 sec' and 'PM6602'. Below this is a table with columns: 'Interface', 'Key', 'Trigger Function', 'Voice Output', and 'Volume'. The table contains one row with values: 'KEY', 'K1', '1. OneShot, Re-Triggerable', 'PWM Direct Drive', and 'Normal'. Below the table is a large grid for sound settings. The grid has columns for 'Group', 'No.', 'Wav', 'Mute', 'LP', 'Rate', 'O1', 'O2', 'O3', 'O4', and 'Flash'. The 'Group' column has a list from 1 to 14. The 'No.' column has a list from 1 to 5. The 'Wav' column has a dropdown menu. The 'Mute' column has a checkbox. The 'LP' column has a dropdown menu. The 'Rate' column has a dropdown menu. The 'O1' column has a dropdown menu. The 'O2' column has a dropdown menu. The 'O3' column has a dropdown menu. The 'O4' column has a dropdown menu. The 'Flash' column has a dropdown menu. Callouts point to various parts of the interface: 'Select language' points to the language buttons; 'Group:' points to the 'Group' column; 'Wav / mute:' points to the 'Wav' and 'Mute' columns; 'Rate:' points to the 'Rate' column; 'O1:' points to the 'O1' column; 'Check the size of memory...' points to the 'Check Board' button; 'Showing the minimum required memory...' points to the 'PM6602' display; 'If it is showing PM6632 or larger number...' points to the 'PM6602' display; and 'Flash:' points to the 'Flash' column.

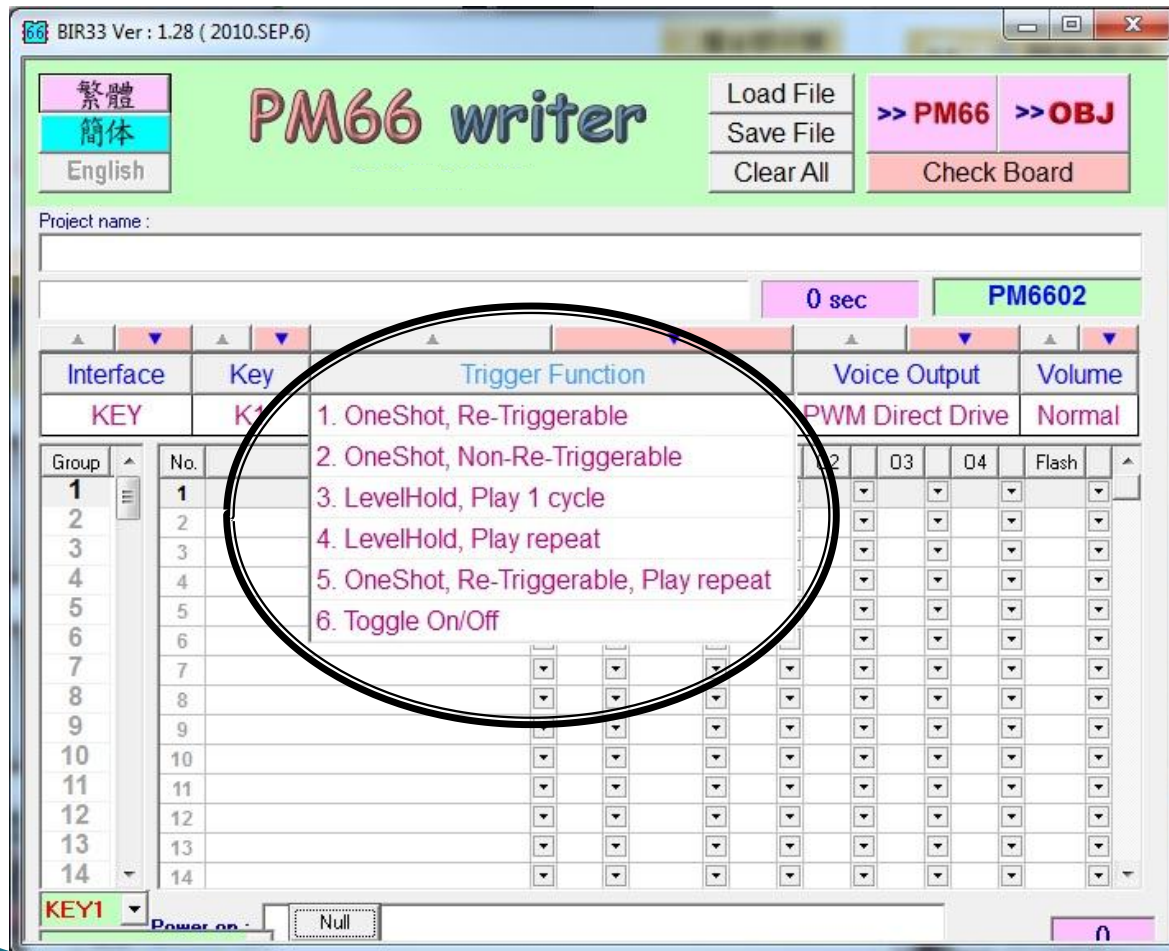
Key = switch / sensor setting



Each Key represents each switch/sensor configuration.

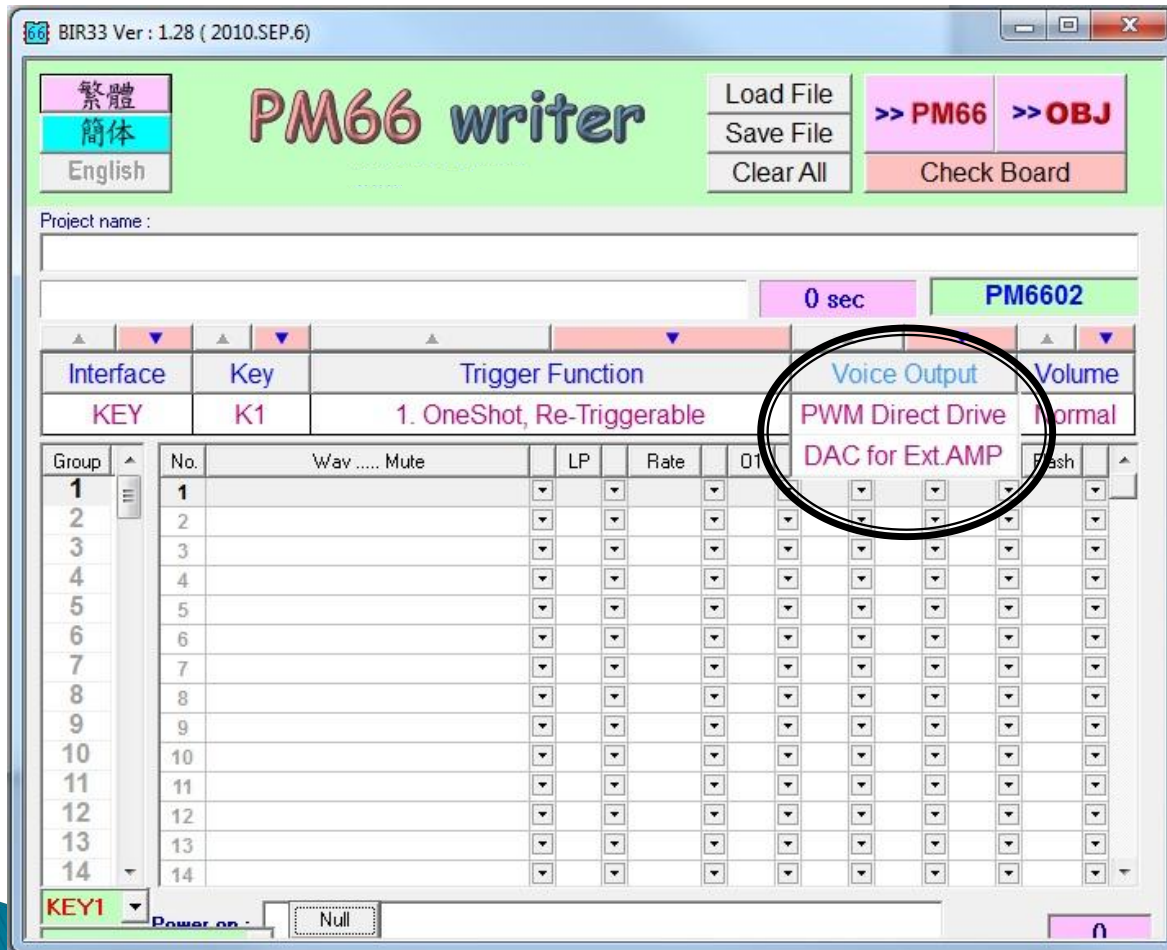
Each key can play back different sounds

Trigger function



Trigger function
Select which
function according
to application

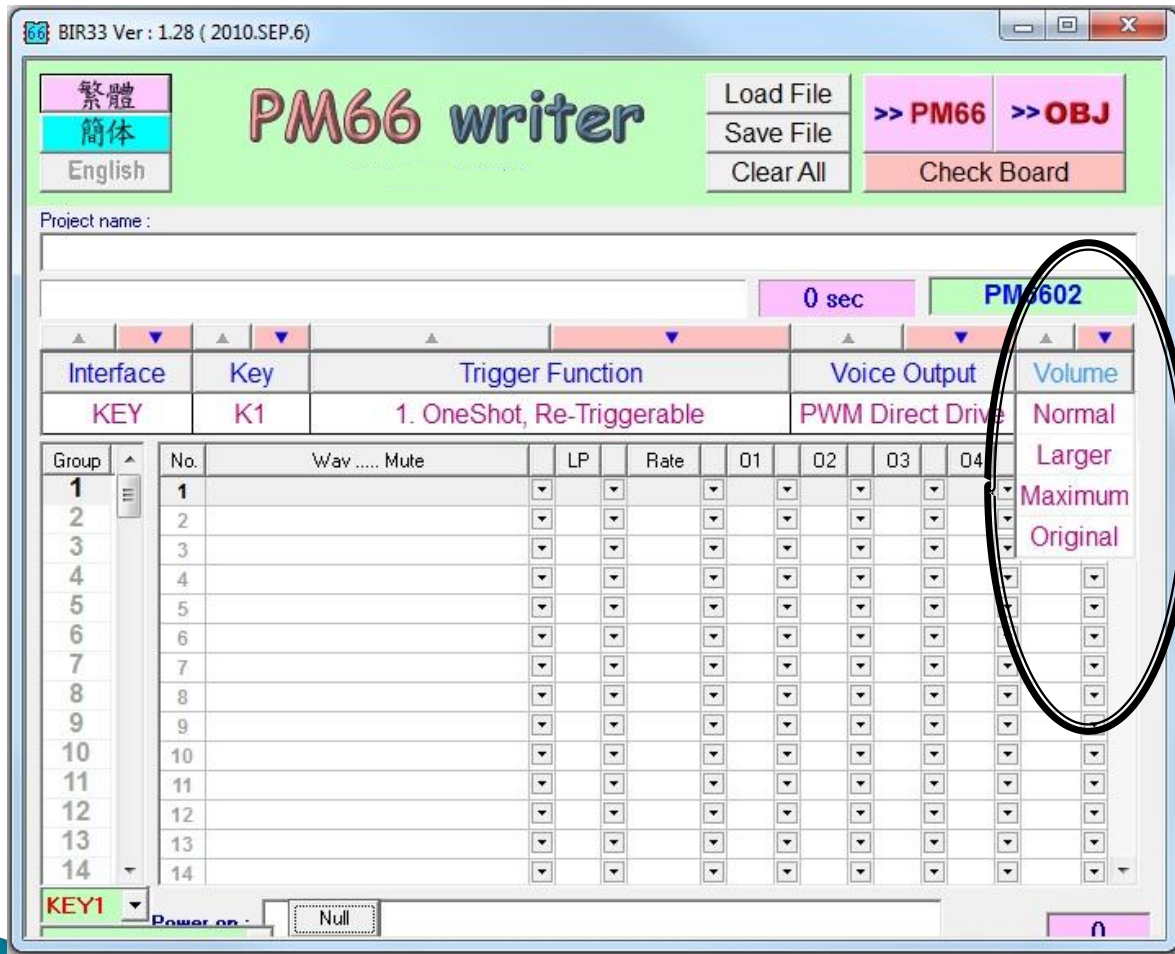
Voice output



PWM for modules
speaker-only

DAC for modules
with audio-out.

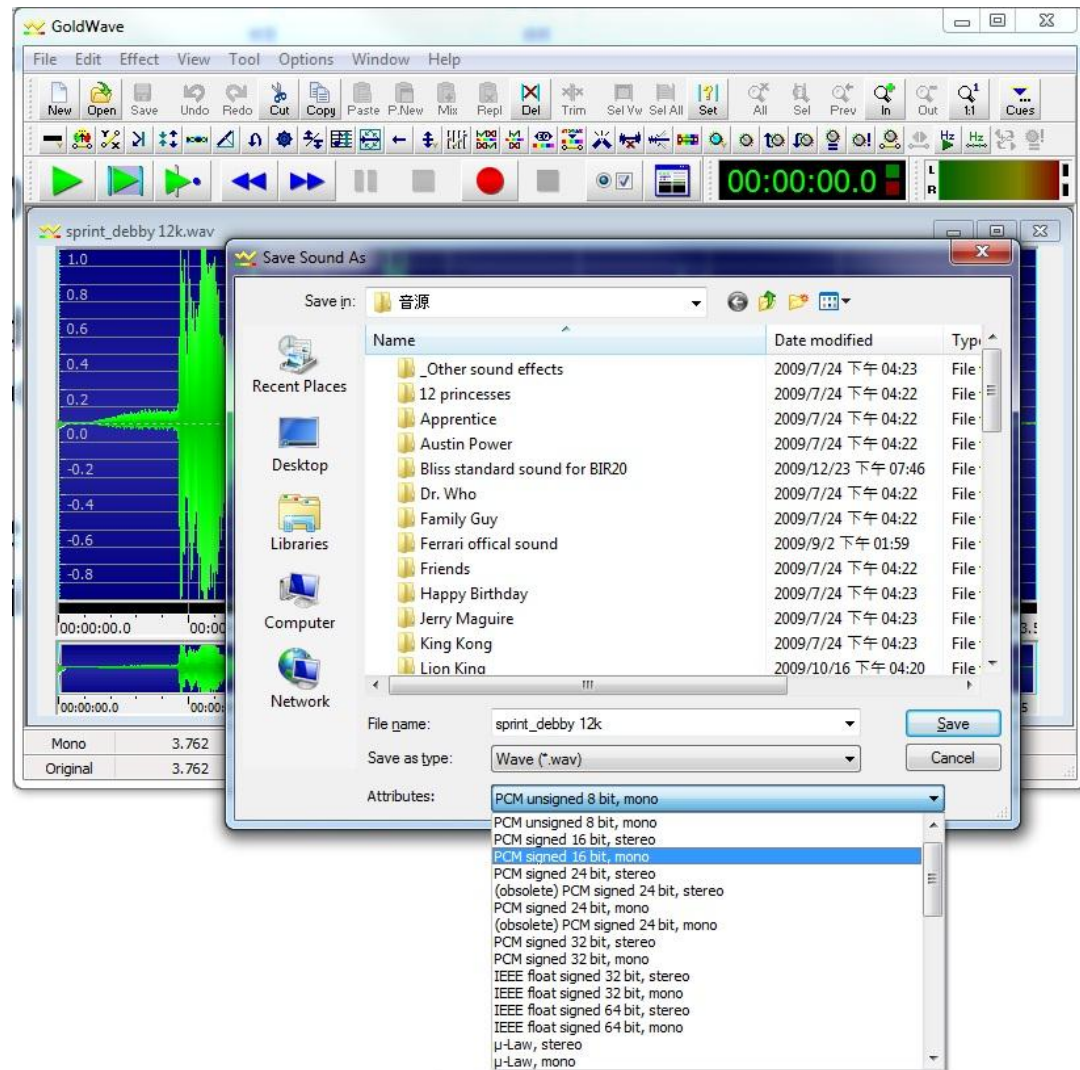
Volume



select the volume

Prepare your sound files

- ▶ GoldWave is a simple shareware recommended for preparing sound files.
- ▶ Save the sound file as Wave (*.wav)
- ▶ Attribute: PCM, signed, 16bit, mono

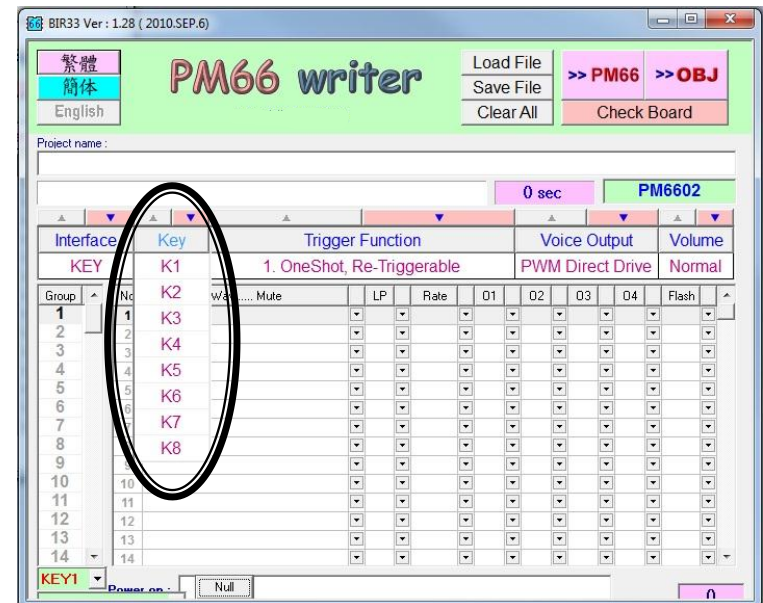


Complicate configuration examples



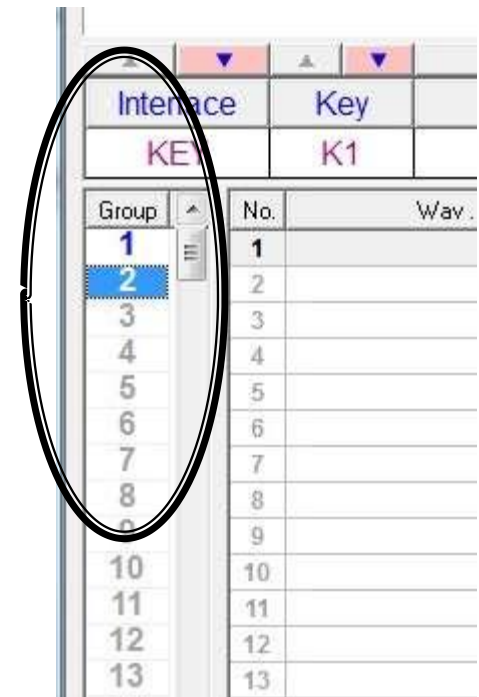
To record 1 sound file for each switch

- ▶ Select K1,
 - Select type of trigger function
 - Select DAC for voice output
 - Enter the wav file and select sample rate,
 - Select LED output if needed.
- ▶ Repeat for K2~k4
- ▶ Press “>>PM66” to start recording



To record multiple sound files and each activation would play different sound

- ▶ Select K1,
 - Select type of trigger function
 - Select DAC for voice output
 - Enter the wav file and select sample rate
 - Set LED output if needed
- ▶ Select 2 under group
 - Enter the wav file and select sample rate.
 - Set LED output if needed
- ▶ Repeat this for group 3 and up if needed.
- ▶ Press ">>PM66" to start recording



Group	No.	Wav.
1	1	
2	2	
3	3	
4	4	
5	5	
6	6	
7	7	
8	8	
9	9	
10	10	
11	11	
12	12	
13	13	

Thank you

Please contact Electronics123.com
if you have any questions.