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## How to make the ISaGRAF WinCE PAC play a sound ?

The following ISaGRAF driver support the "ComStr\_W" function to play a sound (support only the \*.wav format).

**VP-25W7/23W7** : version 1.31 or later

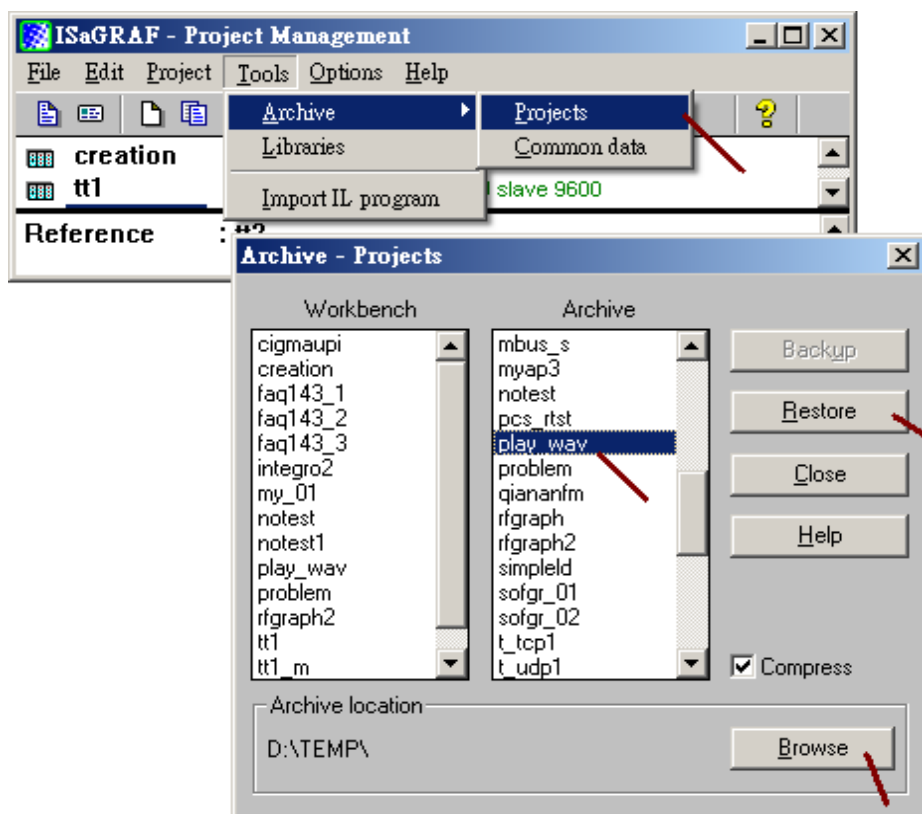
(WP-8xx7 version 1.39 and XP-8xx7-CE6 version 1.19 or later also support it, however there is no phone port in these two PAC)

New released ISaGRAF Driver :

<http://www.icpdas.com/en/download/show.php?num=368&nation=US&kind1=&model=&kw=isagraf>

User can download "faq149\_demo.zip" from <https://www.icpdas.com/en/faq/index.php?kind=280#751> > FAQ-149 . It includes a demo program "Play\_wav.pia" and a sound-file "good\_day.wav" .

Make sure if your PAC fits the above listed ISaGRAF driver before testing the demo program. Then restore the demo program to the PC / ISaGRAF.



Then copy "good\_day.wav" to PAC's \System\_Disk\ , then download the demo program to the PAC. If not familiar with the ISaGRAF software, please refer to the section 1.1 and 1.2 and chapter 2 of the "ISaGRAF User's Manual" or refer to the PAC's Getting Started manual

(visit

<http://www.icpdas.com/en/download/show.php?num=333&nation=US&kind1=&model=&kw=isagraf> ).

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The program to play a sound is similar as the following code.

```
(* INIT is declared as an internal Boolean with an initial value - TRUE *)
(* TMP and Play_Sound are declared as an internal Boolean *)
(* wav_file is declared as a Message with length as 128 *)
(* do some initial operations *)
if INIT then
  INIT := False ;
  wav_file := '\System_Disk\good_day.wav' ;
End_if ;

(* Play a sound when "Play_Sound" is set as True *)
if Play_Sound then
  Play_Sound := False ;
  TMP := ComStr_w( 997 , wav_file );
end_if ;
```

Please plug-in an earphone or a speaker to the PAC 's phone port (make sure the “good\_day.wav” is already copied to PAC 's \System\_Disk\ ). Then download the “Play\_wav” demo program to the PAC. The PAC play a sound every time when setting the “Play\_Sound” as TRUE.

