## **Use Turbo C With PIODIO**

In this document we use PIO-D144 demo1 to show how to use Turbo C is DOS with our product.

To make DEMO1.exe , you only need the follow files: 1.DEMO1.C 2.IOPORT\_L.LIB (for Large mode) 3.TCPIO\_L.LIB (for Large mode) 4.PIO.H (the DEMO1.C have #include "PIO.H" so we need this file.) 5.PIO-D144.H and then

First of all

You must set Turbo C 's bin path(c:\tc\bin) , lib path(c:\tc\lib) , include path (c:\tc\include) in DOS command prompt (for example: our Turbo C folder is  $\underline{c:\tc}$ )

C:\set path=%path%;c:\tc\bin C:\set lib=c:\tc\lib C:\set include=c:\tc\include

## Step 1. Open Turbo C

Step 2. Open a new project

<b>File Edit</b>	Search Run	Compile	Debug	Project Options Open project Close project	Window Help
	open	project		Add item Delete item Local options Include files	
<b>_</b>		e Me	ssage =		1=[+1]1
F1 Help   Load	a project fil	le and its	desktor	)	L,

Step 3.Enter/Assign your project name.

≡ File Edit	Search Run Compile Debug Project Options Window Help
	-[ ] Open Project File
	Open Project File
demo1.PRJ	C:\PI0144\DEM01\demo1.PRJ
	iles
	2.
	chooæ "OK"
	Cancel
	Directory Feb 6,1981 12:39am
F1 Help   Enter	directory path and file-name mask

Step 4. Add DEMO1.C to Project Demo1



Step 5. Add IOPORT\_L.LIB to Project Demo1



Step 6. Add TCPIO\_L.LIB to Project Demo1

≡ File Edit S	earch Run Compil	e Debug Project	Options W	indow Help
	1 J Haa C	o rroject List ===		
	ame C:>PI0144>DEM01>	* *		
				2. mlact 4 dd
	DEMO1.C		dd 🚽	Select Hud
	DEMO1.DSK IOPORT_L_LIB			
1. select TCPIO_L.LIB	PIO.H TCOOOO SUP			2
	TCPIO_L.LIB		one	select Done
	-•N			
File name			e lp od	$= 1 = [\uparrow] = 1$
DEMO1.C	C:\PI0144\DEM01\*.	* EC22 Dec 22 200E	E-20mm	a n/a
TCPIO_L.LIB	1600.0.0.0.000	3032 Dec 23,2003	3.30 ph	a n/a I
F1 Heln   Add fil	e to project items			



= File Edit	Search Run Co	ompile Debug	Project 🌃	ptions	Window	Help
	Select Option->Co	mpiler->Code generatio		Applicat Compiler	ion	
	Construction in the second	212 22	Gode gen Advanced Entry/Ex C++ opti Optimiza Source Messages Names	eration code ge t Code. ons tions	neration	••••
-0		- Rusisst: DEM	01			
File name DEMO1.C IOPORT_L.LIB TCPIO_L.LIB	Location	= Project: DEM	01 L	rines n∕a n∕a n∕a	Code n∕a n∕a n∕a	Data A n/a n/a n/a
F1 Help Speci	ify how compiler	prepares obje	ct code (me	mory mod	els, etc	.)





Step Final. Make EXE

<b>File Edit Search Ru</b>	n <b>Compile D</b> ebug Project	Options	Window	Help
	Compile Alt+F9			
	Link F9			
Select Make	Build all			
	Information Remove messages			
E[]]				=2=[ <b>†</b> ]= <sub>7</sub>
File name Location		Lines	Code 1	Jata 🔺
LOPORT L. LIR		n/a	n/a	n/a
TCPIO_L.LIB .		n/a	n/a	n/a I
				Y
Fi Help   Bring target up-	to-date by compiling and 1	inking, as	necessary	,

After all step you can find DEMO1.EXE in your c: \PIO144\DEMO1\ folder