

Languages Supported on Monitouch Panels

Monitouch HMI Technical Note TN-MH-0010a

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1. Introduction

This document details the fonts and languages that are supported on the Monitouch panels. This applies to V-SFT all versions from 2.0.6.0 and later.

2. List of Languages

Font file	Language supported
Japanese	Japanese
Japanese32	Japanese
English/Western Europe	Icelandic Irish Italian English Dutch Swedish Spanish Danish German Norwegian Portuguese Finnish Faeroese French
Chinese	Chinese
Chinese (Simplified)	Chinese (Simplified)
Korean	Hangul
Gothic	Corresponding language
English/Western Europe HK Gothic	(Same as English/Western Europe)
English/Western Europe HK Times	(Same as English/Western Europe)
Central European (ISO-8859-2) *	(Latin2) Croatian Czech Hrvatski (Croatian) Hungarian Polish Romanian Slovak Slovenian



Font file	Language supported
Cyrillic (ISO-8859-5) *	(Latin5) Russian Ukrainian Kazakh Bulgarian Uzbek Azerbaijani
Greek (ISO-8859-7)	(Latin7) Greek
Turkish (ISO-8859-9)	(Latin9) Turkish

*Note: For these fonts, please see the precautions in section 3

3. Precautions for Latin2 and Latin5 fonts

Windows and MONITOUCH treat differently the special fonts (e.g. Ü, Ö, Í, Ž, Š, Ř, Ě, Č, and Á) of Central European (Latin2) and Cyrillic (Latin5) fonts. Therefore, even if you enter those characters in Windows while you are creating a MONITOUCH screen in V-SFT, they may be displayed differently on the MONITOUCH screen after transferring the screen data.

This is because the sequence of the fonts is different between the Windows character code of those languages and the ISO code of the MONITOUCH. See the following tables (A list of special character range).



Windows font (CP1252 - WinLatin1)

80	€		82	,	83	f	84	,,	85	...	86	†	87	‡	88	~	89	%	8A	Š	8B	<	8C	Œ		8E	ž			
	91	ı	92	ı	93	ı	94	ı	95	•	96	-	97	-	98	~	99	™	9A	š	9B	>	9C	œ		9E	ž	9F	ÿ	
A0		i	A2	φ	A3	£	A4	¥	A5	¥	A6	ı	A7	š	A8	..	A9	©	AA	®	AB	«	AC	¬	AD	-	AE	®	AF	-
B0	°	±	B2	²	B3	³	B4	-	B5	μ	B6	¶	B7	·	B8	·	B9	¹	BA	º	BB	»	BC	¼	BD	½	BE	¾	BF	¿
C0	À	Á	C2	Â	C3	Ã	C4	Ä	C5	Å	C6	Æ	C7	Ç	C8	È	C9	É	CA	Ê	CB	Ë	CC	Ì	CD	Í	CE	Î	CF	Ï
D0	Ð	Ñ	D2	Ò	D3	Ó	D4	Ô	D5	Õ	D6	Ö	D7	×	D8	Ø	D9	Ù	DA	Ú	DB	Û	DC	Ü	DD	Ý	DE	Þ	DF	ß
E0	à	á	E2	â	E3	ã	E4	ä	E5	å	E6	æ	E7	ç	E8	è	E9	é	EA	ê	EB	ë	EC	ì	ED	í	EE	î	EF	ï
F0	ð	ñ	F2	ò	F3	ó	F4	ô	F5	õ	F6	ö	F7	÷	F8	ø	F9	ù	FA	ú	FB	û	FC	ü	FD	ý	FE	þ	FF	ÿ

Latin2 font (ISO-8859-2)

A0	À	A1	Á	A2	Â	A3	Ã	A4	Ä	A5	Å	A6	Æ	A7	Ç	A8	È	A9	É	AA	Ê	AB	Ë	AC	Ì	AD	Í	AE	Î	AF	Ï
B0	°	B1	±	B2	²	B3	³	B4	-	B5	μ	B6	¶	B7	·	B8	·	B9	¹	BA	º	BB	»	BC	¼	BD	½	BE	¾	BF	¿
C0	Ā	C1	Ā	C2	Ā	C3	Ā	C4	Ā	C5	Ā	C6	Ā	C7	Ā	C8	Ā	C9	Ā	CA	Ā	CB	Ā	CC	Ā	CD	Ā	CE	Ā	CF	Ā
D0	Ð	Ñ	D2	Ò	D3	Ó	D4	Ô	D5	Õ	D6	Ö	D7	×	D8	Ø	D9	Ù	DA	Ú	DB	Û	DC	Ü	DD	Ý	DE	Þ	DF	ß	
E0	ř	E1	á	E2	â	E3	ã	E4	ä	E5	å	E6	ı	E7	ĉ	E8	ĉ	E9	ĉ	EA	ĉ	EB	ĉ	EC	ĉ	ED	ĉ	EE	ĉ	EF	ĉ
F0	đ	F1	ñ	F2	ń	F3	ó	F4	ô	F5	õ	F6	ö	F7	÷	F8	ř	F9	ú	FA	ú	FB	ú	FC	ü	FD	ý	FE	ı	FF	·

Latin5 font (ISO-8859-9)

A0	Ā	A1	Ā	A2	Ā	A3	Ā	A4	Ā	A5	Ā	A6	Ā	A7	Ā	A8	Ā	A9	Ā	AA	Ā	AB	Ā	AC	Ā	AD	Ā	AE	Ā	AF	Ā
B0	А	B1	В	B2	Г	B3	Д	B4	Е	B5	Ж	B6	З	B7	И	B8	Й	BA	К	BB	Л	BC	М	BD	Н	BE	О	BF	П		
C0	Р	C1	С	C2	Т	C3	У	C4	Ф	C5	Х	C6	Ц	C7	Ч	C8	Ш	CA	Щ	CB	Ъ	CC	Ы	CD	Ь	CE	Э	CF	Ю	Я	
D0	а	D1	б	D2	в	D3	г	D4	д	D5	е	D6	ж	D7	з	D8	и	DA	й	DB	к	DC	л	DD	м	DE	н	DF	о	п	
E0	р	E1	с	E2	т	E3	у	E4	ф	E5	х	E6	ц	E7	ч	E8	ш	EA	щ	EB	ъ	EC	ы	ED	ь	EE	э	EF	ю	я	
F0	№	F1	ë	F2	т	F3	ř	F4	é	F5	s	F6	i	F7	ï	F8	j	F9	љ	FA	њ	FB	ћ	FC	ќ	FD	ѕ	FE	ÿ	FF	ı

Example - When Czech (Central European) is used:

The Czech alphabet includes special characters, such as "Š" (A9) and "Ž" (AE). When you enter those characters in the Windows, the MONITOUCH does not display them because it has no equivalent characters.

As you see from the tables above, you must enter "©" (A9) and "®" (AE) in the Windows if you wish to display "Š" and "Ž" on the MONITOUCH respectively.

When Russian (Cyrillic) is used:

As you see from the tables above, most of special character codes are different between the Windows and the MONITOUCH. To display Russian alphabet characters on the MONITOUCH, you must search and enter equivalent ISO characters in the Windows.

4. For More Information

1. Manuals (Monitouch)
 - Reference Manual (Operation), Appendix 1
2. Character Set Information
 - Website [Unicode Character Information](#)