ADA MPC MIDI program changer

OWNER'S MANUAL

INTRODUCTION
Thank you for purchasing the ADA MPC MIDI PROGRAM CHANGER. The MPC is a universal MIDI controller which features an ergonomic design for easy, consistent MIDI foot-switching in a compact package. The MPC sends MIDI program changes on any of the 16 MIDI Channels.

PACKAGE CONTENTS
The contents of the MPC MIDI PROGRAM CHANGER are listed below. If any of the items are missing, contact your ADA dealer.
- 1 MPC
- 1 ADA 9V AC adapter
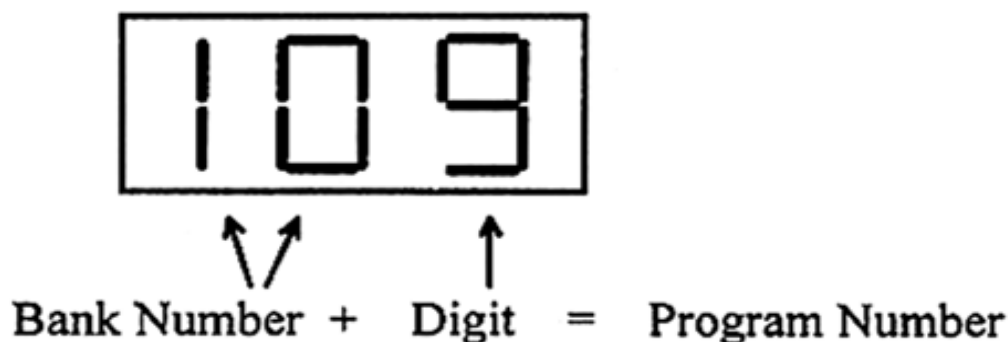- 1 MIDI cable 20' 5-pin
- 1 Owner's Manual

QUICK SET-UP
1) Before powering up the MPC, first connect one end of the 20-foot MIDI cable into the MIDI jack of the MPC, and the other end into the MIDI IN jack of the device you want to control with the MPC.
2) Next, plug the ADA 9V AC adapter into the small jack on the rear of the MPC. On the display you will see the word "ADA", then program number 01.
3) Make sure that the MPC and the device being controlled by the MPC are on the same MIDI Channel. There are 16 MIDI Channels, and the factory default for the MPC is Channel 1. Since most MIDI devices are defaulted to Channel 1, there is a good chance that you can just "plug and play."
4) Hit a few buttons (0 thru 9) and the receiving device should be changing programs. If not, read the following section titled USING THE MPC.

USING THE MPC
For those of you new to MIDI, the MIDI Channel is just a way to allow a lot of information to flow through a single cable, while the receiving device only listens to the particular pieces of information that were meant for it. Here's a quick analogy: the airwaves are cluttered with TV station signals, but since each station codes its information differently, you can tune in to just one channel at a time. MIDI Channel is just like that. When you plug in the MPC for the first time out of the box, it is set to MIDI Channel 1, so it sends out MIDI program change commands on Channel 1. Now make sure the device receiving the MIDI is on Channel 1 also. You may need to read the manual of the device receiving the MIDI to find out how to change the MIDI Channel. If you decide that you want to change the MIDI Channel of the MPC instead, see the section below called SETTING THE MIDI CHANNEL.

The MPC sends MIDI programs from 1 to 128. There are twelve buttons on the MPC to allow you to move quickly and easily through all 128 programs: 0 thru 9, BANK UP, and BANK DOWN.

Bank Number + Digit = Program Number

For example, if you're in BANK 10, you have instant one-button access to program numbers 100 thru 109. When you hit a bank button, the MPC does not send any MIDI program change information. It is only when you hit a digit button (0 thru 9) that the MPC sends MIDI.
Now it's your turn to try it out! Once you've matched the MIDI Channel, the receiving device should now be changing programs. If it's not, review the section above to make sure all steps have been followed. In setting up your rig for a performance, it's best if you set up your MIDI receiving devices so that you don't have to switch banks in the middle of a song. Since you have up to 10 sounds in a bank, that's not tough to do.
If you have multiple MIDI devices that you want to control, you'll want to plug the MPC into the MIDI IN jack of the first device, then connect another MIDI cable from the MIDI THRU of that device to the MIDI IN of the second device, and so on. The MIDI THRU jack reflects exactly what goes into the MIDI IN jack.

USING PHANTOM POWER

If you want to use the phantom power capability of the MPC with ADA MIDI products, you will need to purchase a special 7-pin MIDI cable from your ADA dealer. Plug one end of the 7-pin MIDI cable into the MIDI IN jack of the ADA MIDI device, and the other end into the MPC. Now plug the AC adapter into the jack labeled "PHANTOM POWER" on the rear panel of the ADA MIDI device. The MPC now gets its power through the 7-pin MIDI cable.

SETTING THE MIDI CHANNEL

If you decide that you want to send the MIDI program changes on another Channel, use the chart below to set the DIP switches located on the rear panel of the MPC. The up arrow indicates that the DIP switch is in the UP position.

MIDI CHANNEL SELECT

1	↑↑↑↑
2	↑↑↑↓
3	↑↑↓↑
4	↑↑↓↓
5	↑↓↑↑
6	↑↓↑↓
7	↑↓↓↑
8	↑↓↓↓
9	↓↑↑↑
10	↓↑↑↓
11	↓↑↓↑
12	↓↑↓↓
13	↓↓↑↑
14	↓↓↑↓
15	↓↓↓↑
16	↓↓↓↓

SPECIFICATIONS

Dimensions: D= 5.3", W= 14.4", H=2.25".
Weight 3.2 lbs., 6 lbs. shipping.
AC Adapter: ADA 9VDC/500mA. ADA part number 240006 (117VAC). 240007 (230VAC).