

Fender

DUO-SONIC AND MUSICMASTER

INSTRUCTION MANUAL

MODEL NAME _____
SERIAL NO. _____ PRICE _____

Your new Fender Instrument incorporates the finest workmanship and highest quality components and is guaranteed to give complete satisfaction. As a Fender owner, you can be proud and self-assured in the knowledge that you have the finest instrument that is possible to buy.

Many outstanding playing features and technical developments, well known to string instrument players throughout the world, have come from Fender research and are employed in the design and manufacture of this instrument. As a result, you are assured of receiving superior quality and lasting beauty.

Further playing satisfaction will be realized through the years by becoming thoroughly acquainted with its features. We suggest you carefully read the instruction manual especially prepared for your Fender Instrument. If at any time you should have a question concerning its adjustment, components or other features, consult this manual or contact your Fender Dealer or Fender Musical Instruments.

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DUO-SONIC & MUSICMASTER

general description

MODERN HEAD DESIGN
Places keys all on one side for better access. Provides for straight string pull for all strings.

PICKUP SELECTOR SWITCHES
(Duo-Sonic only)—Middle positions turn pickups off. Forward and rear positions offer varied tone selections.

ADJUSTABLE NECK TRUSS-ROD
(see page 3)

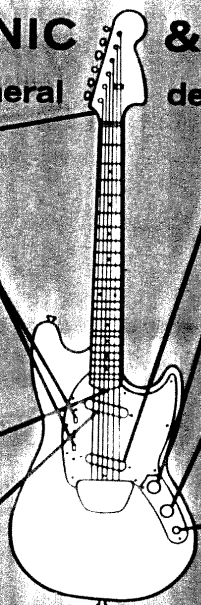
ADJUSTABLE WIDE-RANGE PICKUP
Elevating screws at pickup ends permit adjustment for proper tone balance.

LEAD PICKUP (Duo Sonic only)
May also be adjusted to suit player by means of the end adjusting screws.

VOLUME CONTROL
Functions in all positions of pickup selector switch on Duo Sonic, and at all times on Musicmaster.

TONE CONTROL
Wide-range control functions full time, and in conjunction with Selector Switch on Duo Sonic.

Surface-mount plug receptacle accepts "cord-grip" plug which pivots freely and is out of the way at all times.



The Duo-Sonic and Musicmaster Three Quarter Guitars are specially designed for adult and young musicians with small hands, providing both comfort and ease of playing. In addition, these instruments incorporate the latest advancements and developments in electric guitar design.

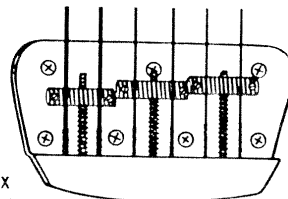
They employ a precision graduated neck which is comfortable and shaped for fast playing technique. Both instruments are available in either the 22-fret 24" neck or the 21-fret 22½" neck. All frets are easy to reach by means of the cutaway body design. The modern head design which accommodates the tuning keys on one side, makes tuning easier and provides a straight string pull on each string.

Perfect neck alignment is made possible at all times by means of the adjustable neck truss-rod. This is a feature every guitarist readily appreciates inasmuch as good neck alignment is essential to good playing technique, and in addition, this feature contributes to the playing satisfaction of the guitarist. The rosewood fingerboard is another feature of the Fender fast-action necks.

Both the Duo-Sonic and Musicmaster employ excellent wide range pickups that are fully adjustable to suit the player's string balance preference. Playing action and string length are adjustments easily made by the player to achieve the string height and intonation quality essential to good performance. The Duo-Sonic and Musicmaster are beautifully finished with DuPont Duco lacquers.

Both instruments are striking in appearance; the parts subject to wear such as the control plates and bridges are made of case hardened steel that provides longer trouble-free service and retain their new-like appearance even after long use.

Adjustable Bridge For perfect string length (intonation) and custom string heights, both the Musicmaster and Duo-Sonic offer the player the means by which these may be achieved. Note the three longitudinal screws at the bridge sections. These may be adjusted so that each string plays in tune at all times and throughout the frets. The six elevating screws (two on each bridge) enable the player to raise or lower the strings to any desired height from the fingerboard. It is seldom necessary to make changes in these adjustments inasmuch as they are set at the time of manufacture for optimum performance. However, the above adjustments are noted for your instruction should they be necessary.



Adjustable Neck Perfect neck alignment is achieved by inserting a standard head screwdriver ($\frac{1}{8}$ inch head) in the slots at the end of the neck nearest the pickguard. To make the neck LESS concave, turn the slotted screw clockwise. To put a slight bow in the neck, turn the screw counterclockwise. Only a quarter turn or slightly more should be necessary to achieve the proper alignment. A very slight amount of concave bowing of the neck is desirable.



Restrunging When the instrument is restrung with strings of different gauge than the original set, the resulting change of tension may cause the neck to appear warped and the instrument may fret improperly. These problems may be corrected without having to return the instrument to your dealer or the factory by consulting the above paragraphs.

Pickups: You will find the new Fender pickups employed on the Duo Sonic and Musicmaster extremely versatile and provide a wide tone range. If at any time you desire to change the balance of the strings, you may do so by elevating or lowering the two screws on each pickup. The response of the treble or bass strings may be accentuated or lessened according to your playing needs.

Case Hardened . . . Chromed Metal Parts: All parts of these guitars exposed to the player's hand or body are heavily chrome plated and will retain their new-like appearance for a long period of time. In addition, the parts which are subject to mechanical wear are made of case hardened steel, thereby providing ruggedness and durability and eliminating breakdown or malfunction.

Fender Mastersound Flatwound Strings and Fender Pure Nickel Wrap Strings: The Fender Company has experimented with every conceivable kind of electric guitar string that would provide — • Perfect Balance for absolute evenness of tone . . . • Controlled Diameter throughout for perfect intonation or fretting . . . • Tightly Applied winding to permanently prevent loosening, loss of tone or too rapid decay of volume . . . • Lasting Resistance to stretch and pull that cause detuning and poor intonation or fretting . . . • Magnetic Properties of such a surprising degree of excellence as to be instantly recognizable to the most casual player.

FOR BEST PLAYING RESULTS, ALWAYS USE FENDER STRINGS

No. 10, No. 150 Light Gauge: Flatwound No. 50, No. 60, and No. 505 Light Gauge.