7.7 ctd. Beginning with summer 1980 an other step-switch marked "MINIMUM DEPTH REDUCTION" is available.

There are four positions "0", "5µ", "10µ", "15µ". This switch influences the depth of cut control. With this means it is possible to obtain higher density of the cut and to increase the playing time, by using the difference between the selected width of the unmodulated groove and the minimum permissible groove width during vertical modulation amplitudes.Likewise echoes are diminished maybe through an additional increase of the land, too.

The indication 0 ... 15µ are relative figures for the instantanious decrease of the groove width during modulation and refer to the width of the unmodulated groove. The depth of cut control reacts in a way that the narrowest width of the modulated groove obtains a value which is defined as "Width of the unmodulated groove minus minimum depth reduction". This leads to a permanent diminution of the average groove width and the space requirement resulting therefrom.

The effect of the step switch "Minimum Depth Reduction" can directly be read during the statical alignment of the pitch control on the instruments "Depth-meter and Pitch-meter" when a difference signal is applied.